

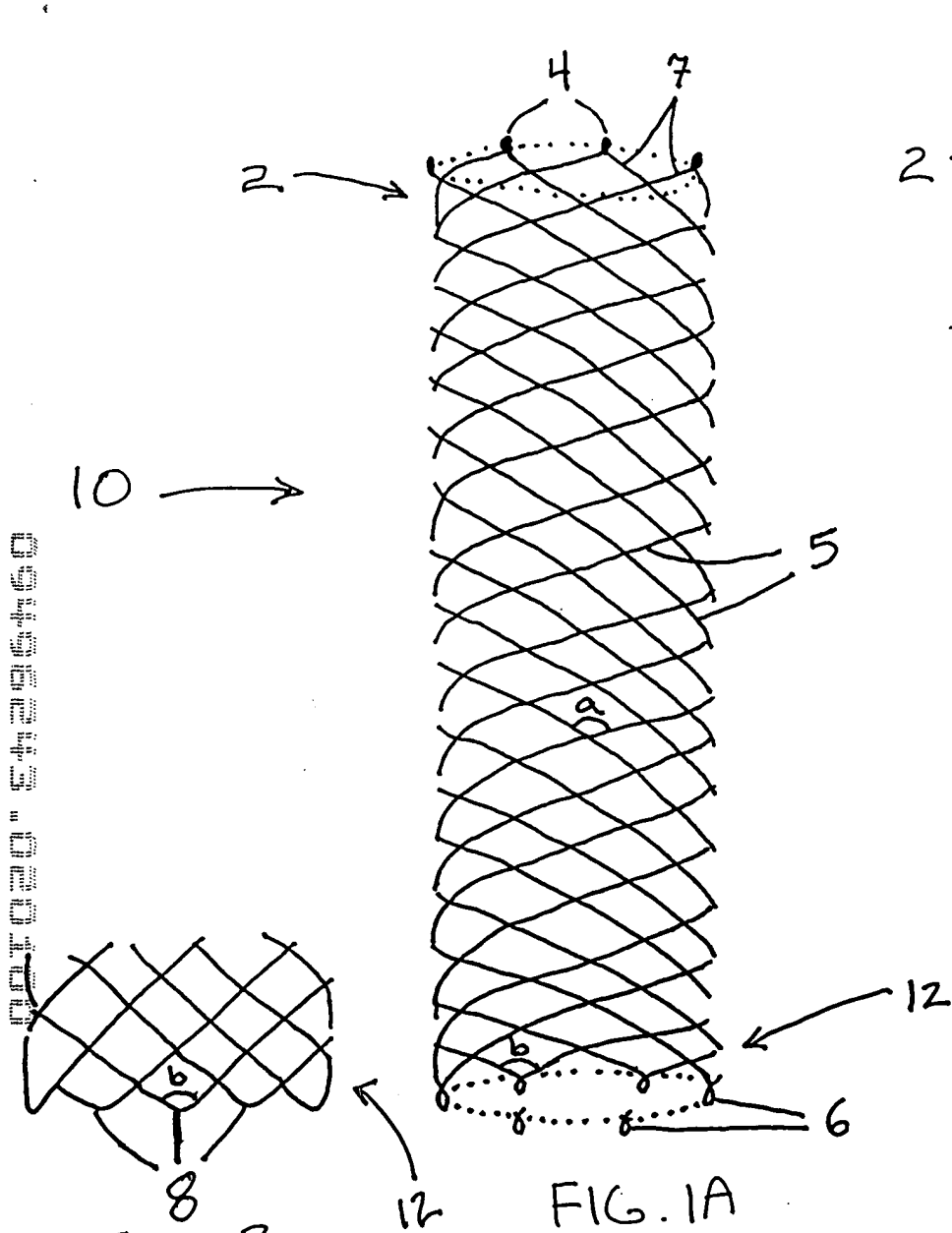
[illegible]

FIG. 1A

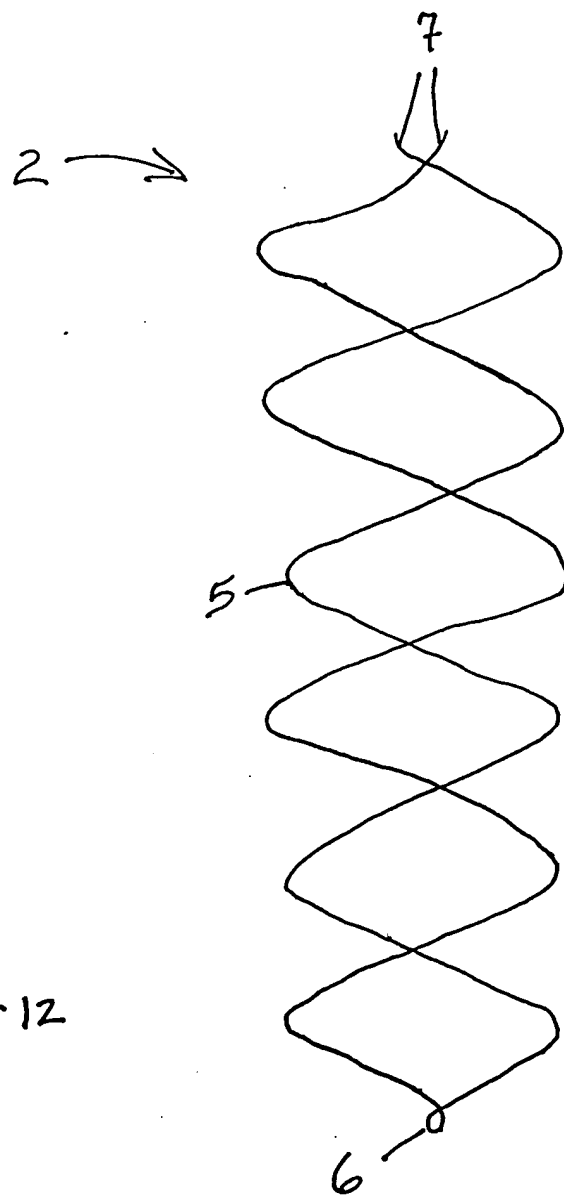


FIG. 1C



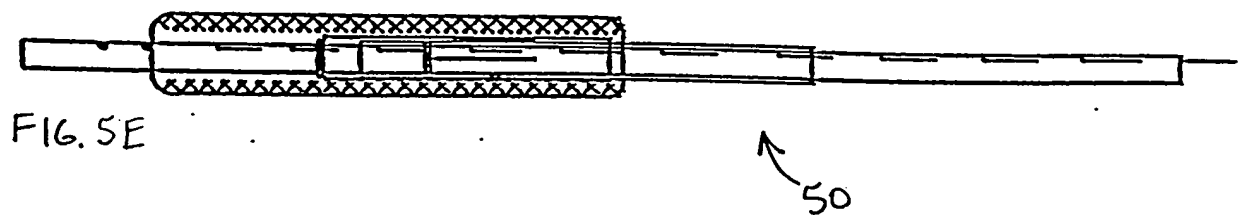
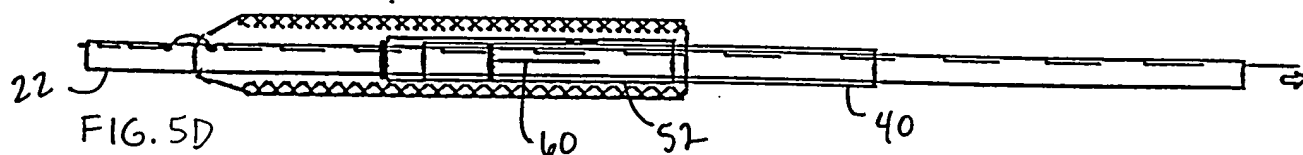
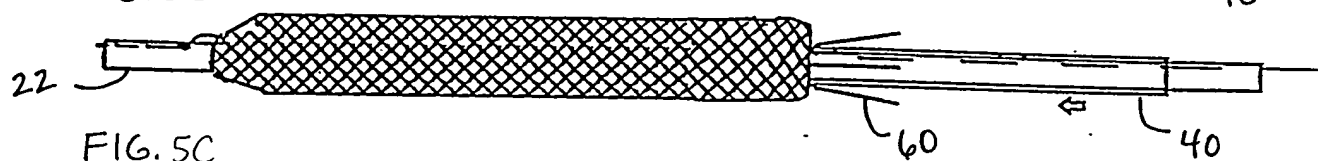
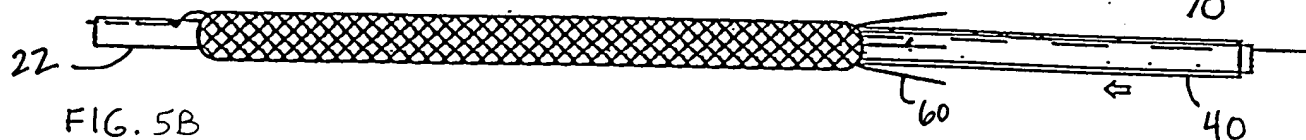
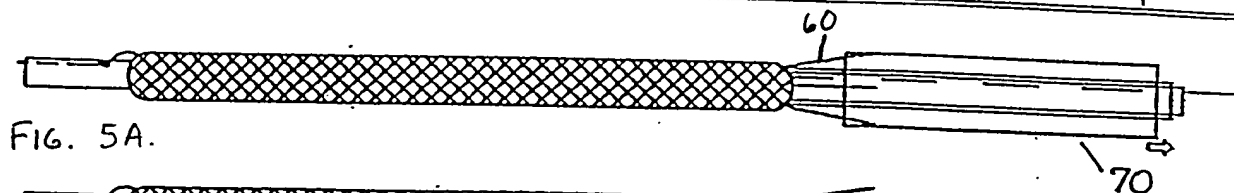
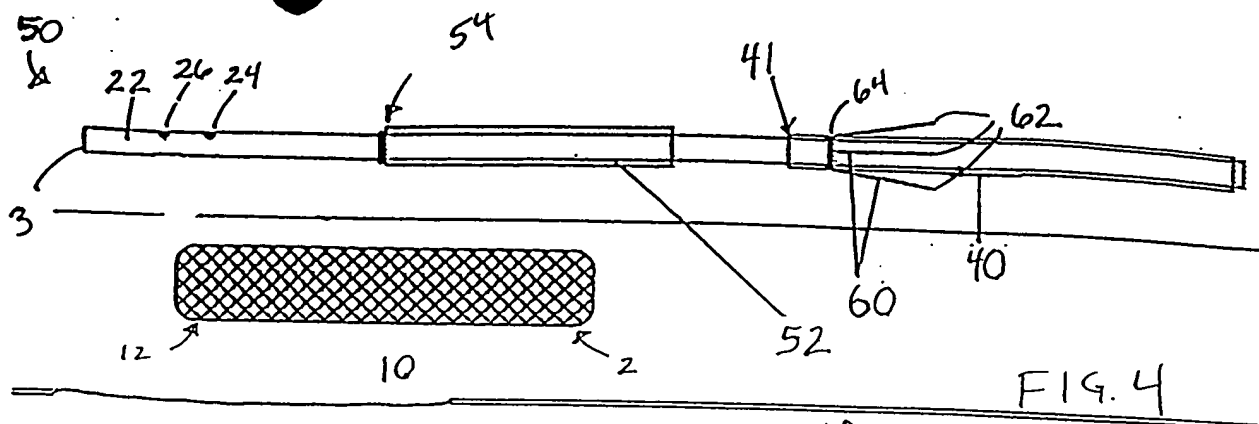


FIG. 6

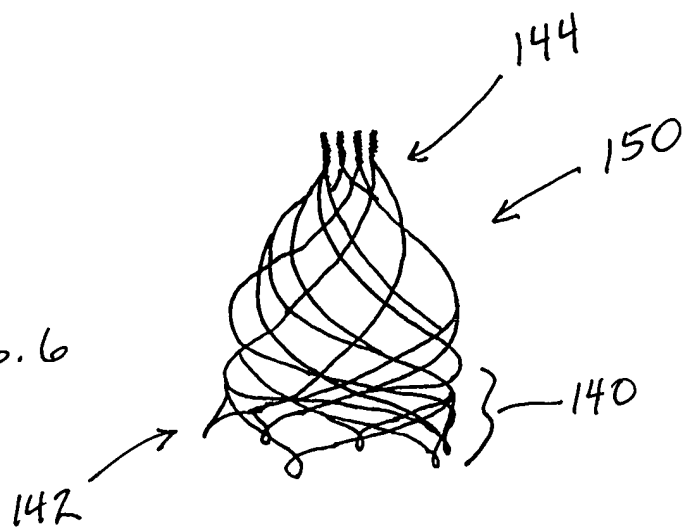
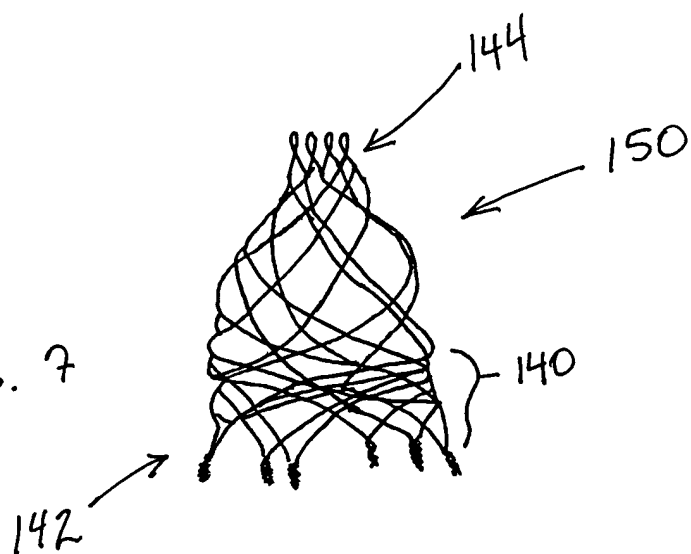
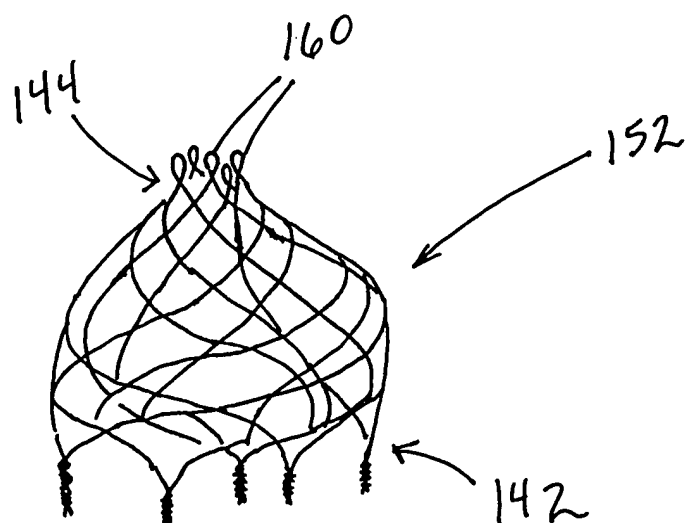


FIG. 7



F16.8



09490343.020100

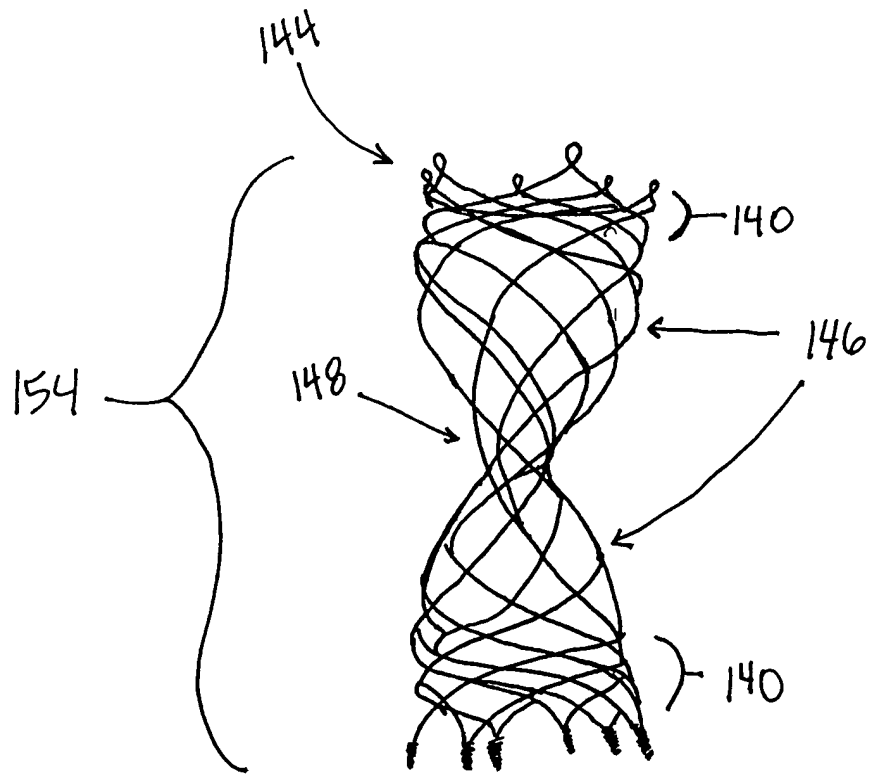
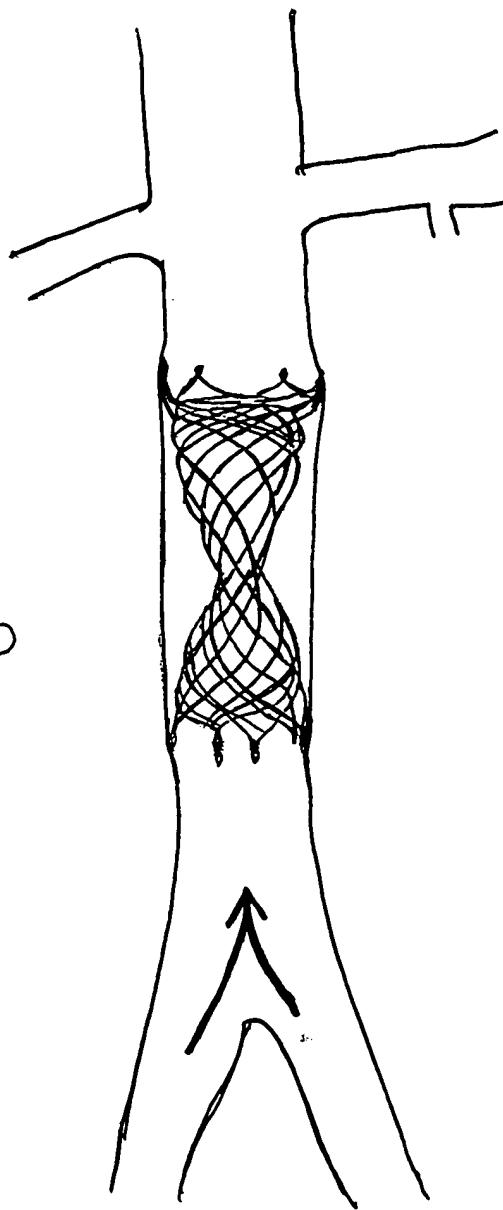
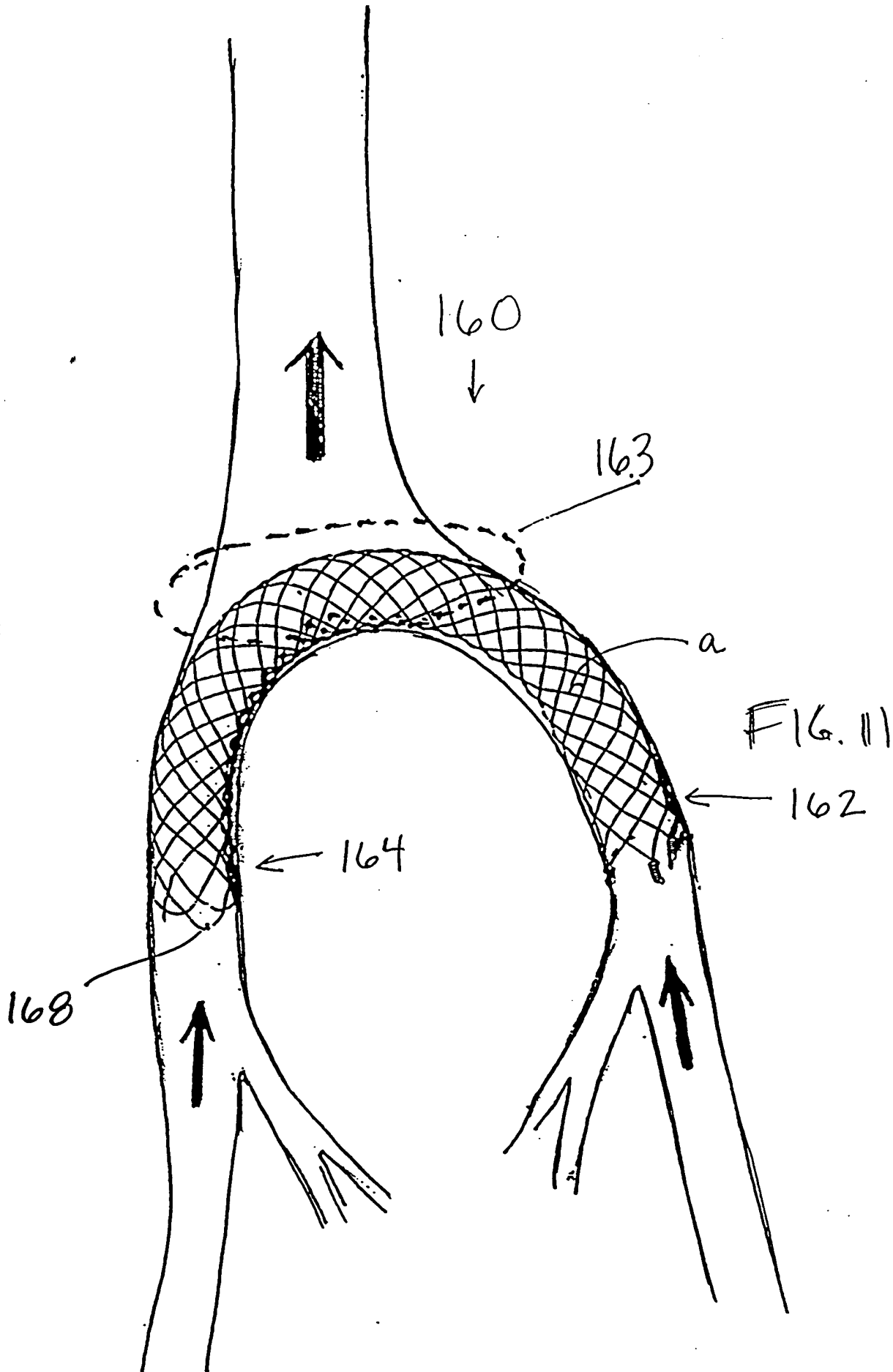


FIG. 9

FIG. 10



007020" 020400



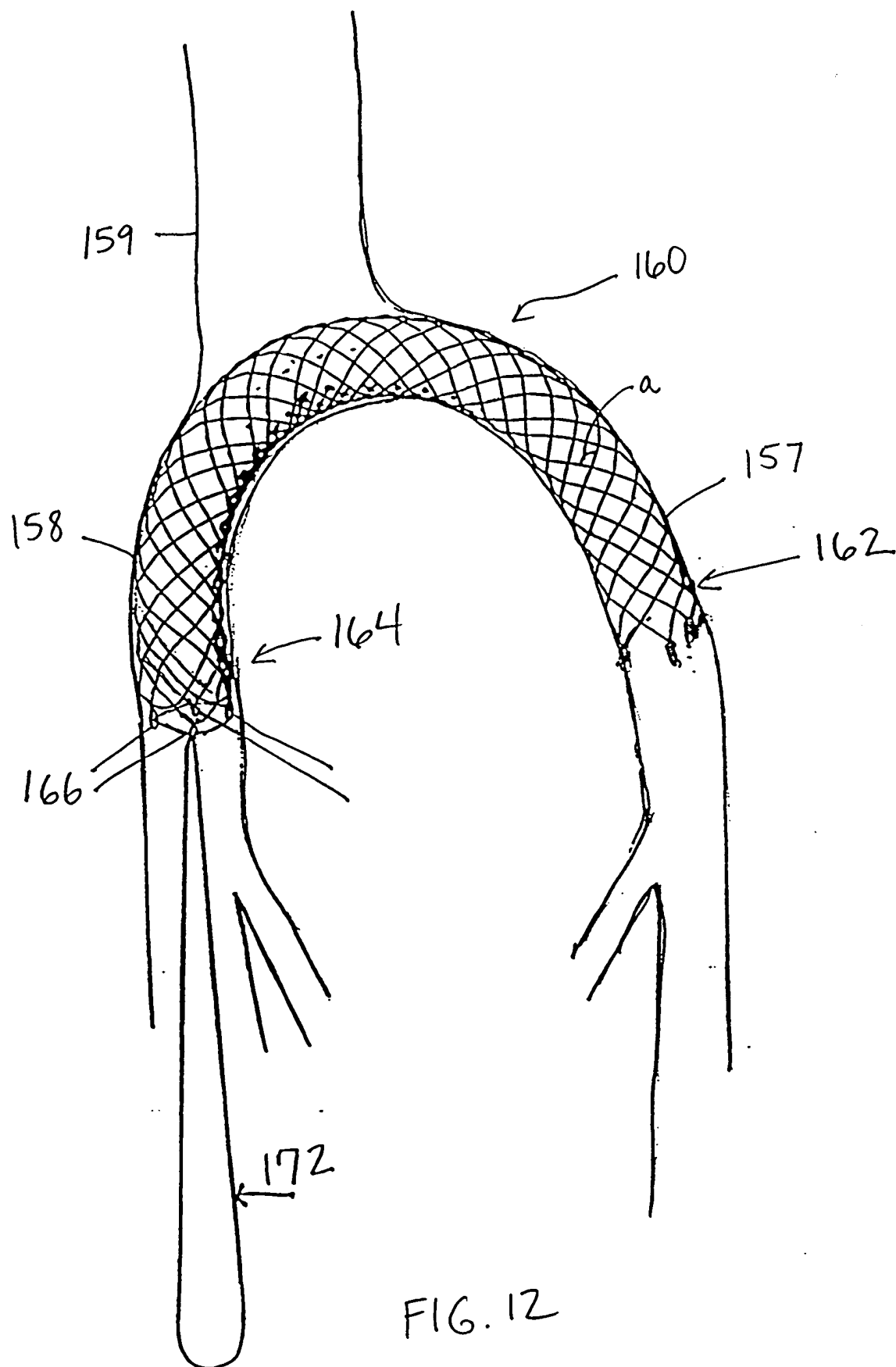
[illegible]

FIG. 12



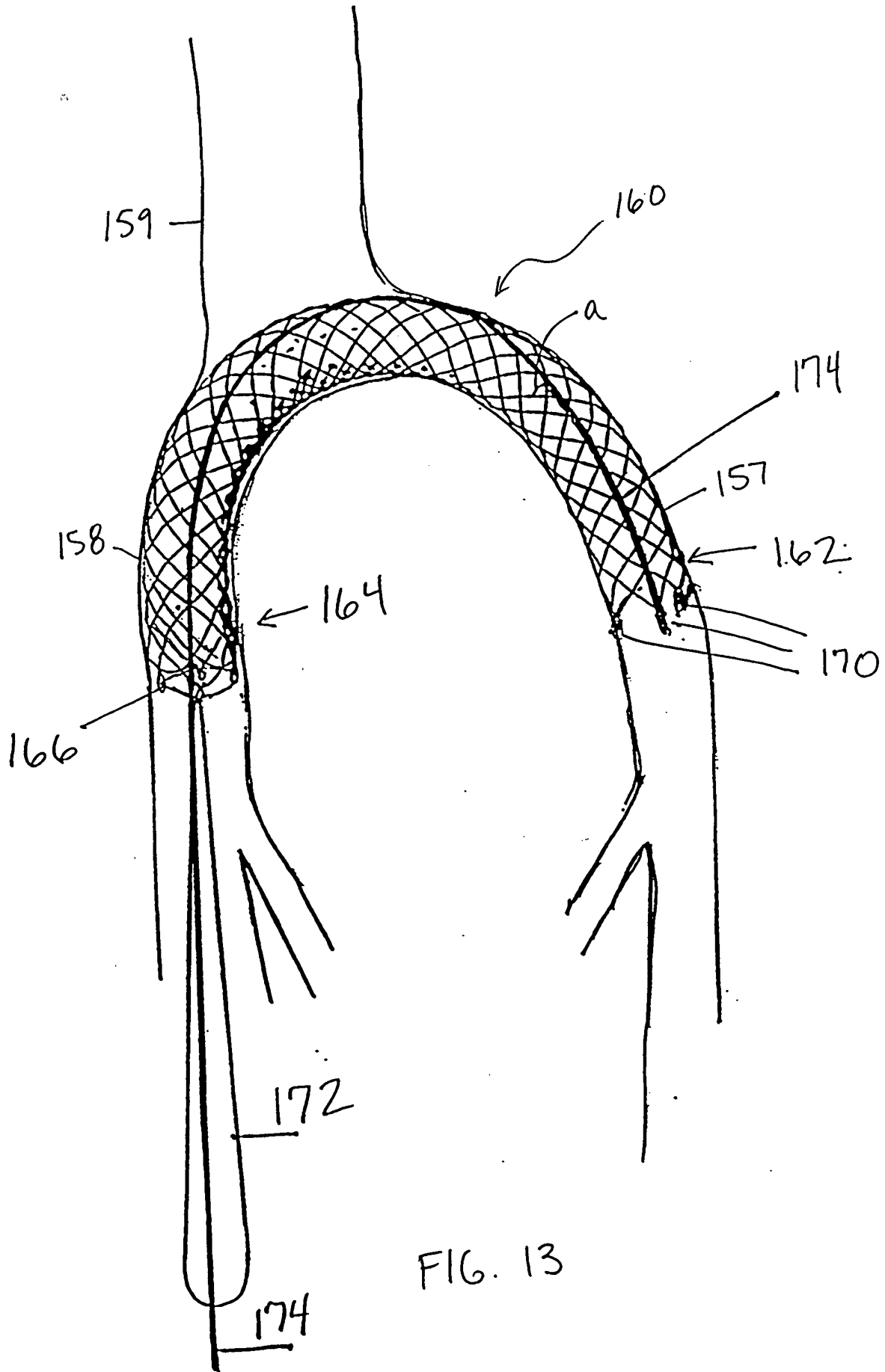
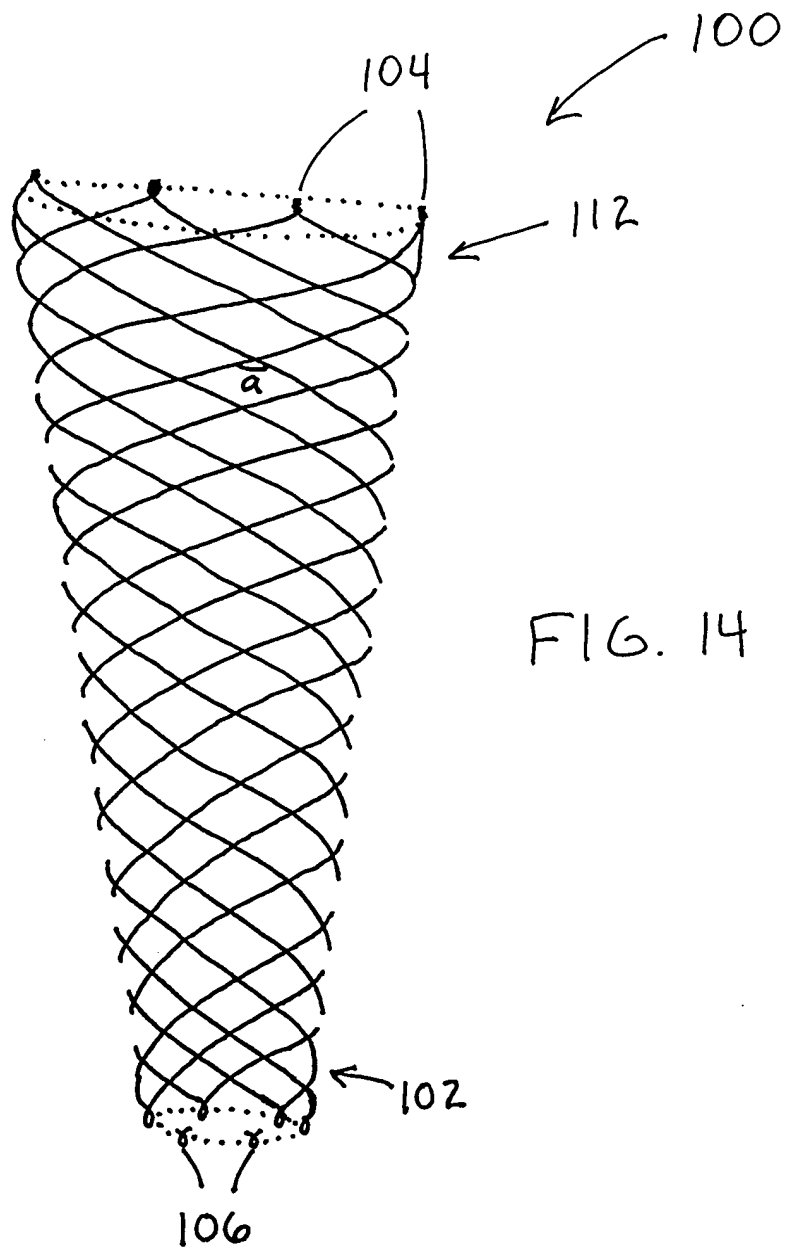


FIG. 13

1. *Chlorophyll a* (Chl *a*)  
 2. *Chlorophyll b* (Chl *b*)  
 3. *Chlorophyll c* (Chl *c*)  
 4. *Chlorophyll d* (Chl *d*)  
 5. *Chlorophyll e* (Chl *e*)  
 6. *Chlorophyll f* (Chl *f*)  
 7. *Chlorophyll g* (Chl *g*)  
 8. *Chlorophyll h* (Chl *h*)  
 9. *Chlorophyll i* (Chl *i*)  
 10. *Chlorophyll j* (Chl *j*)  
 11. *Chlorophyll k* (Chl *k*)  
 12. *Chlorophyll l* (Chl *l*)  
 13. *Chlorophyll m* (Chl *m*)  
 14. *Chlorophyll n* (Chl *n*)  
 15. *Chlorophyll o* (Chl *o*)  
 16. *Chlorophyll p* (Chl *p*)  
 17. *Chlorophyll q* (Chl *q*)  
 18. *Chlorophyll r* (Chl *r*)  
 19. *Chlorophyll s* (Chl *s*)  
 20. *Chlorophyll t* (Chl *t*)  
 21. *Chlorophyll u* (Chl *u*)  
 22. *Chlorophyll v* (Chl *v*)  
 23. *Chlorophyll w* (Chl *w*)  
 24. *Chlorophyll x* (Chl *x*)  
 25. *Chlorophyll y* (Chl *y*)  
 26. *Chlorophyll z* (Chl *z*)  
 27. *Chlorophyll aa* (Chl *aa*)  
 28. *Chlorophyll ab* (Chl *ab*)  
 29. *Chlorophyll ac* (Chl *ac*)  
 30. *Chlorophyll ad* (Chl *ad*)  
 31. *Chlorophyll ae* (Chl *ae*)  
 32. *Chlorophyll af* (Chl *af*)  
 33. *Chlorophyll ag* (Chl *ag*)  
 34. *Chlorophyll ah* (Chl *ah*)  
 35. *Chlorophyll ai* (Chl *ai*)  
 36. *Chlorophyll aj* (Chl *aj*)  
 37. *Chlorophyll ak* (Chl *ak*)  
 38. *Chlorophyll al* (Chl *al*)  
 39. *Chlorophyll am* (Chl *am*)  
 40. *Chlorophyll an* (Chl *an*)  
 41. *Chlorophyll ao* (Chl *ao*)  
 42. *Chlorophyll ap* (Chl *ap*)  
 43. *Chlorophyll aq* (Chl *aq*)  
 44. *Chlorophyll ar* (Chl *ar*)  
 45. *Chlorophyll as* (Chl *as*)  
 46. *Chlorophyll at* (Chl *at*)  
 47. *Chlorophyll au* (Chl *au*)  
 48. *Chlorophyll av* (Chl *av*)  
 49. *Chlorophyll aw* (Chl *aw*)  
 50. *Chlorophyll ax* (Chl *ax*)  
 51. *Chlorophyll ay* (Chl *ay*)  
 52. *Chlorophyll az* (Chl *az*)  
 53. *Chlorophyll a1* (Chl *a1*)  
 54. *Chlorophyll a2* (Chl *a2*)  
 55. *Chlorophyll a3* (Chl *a3*)  
 56. *Chlorophyll a4* (Chl *a4*)  
 57. *Chlorophyll a5* (Chl *a5*)  
 58. *Chlorophyll a6* (Chl *a6*)  
 59. *Chlorophyll a7* (Chl *a7*)  
 60. *Chlorophyll a8* (Chl *a8*)  
 61. *Chlorophyll a9* (Chl *a9*)  
 62. *Chlorophyll a10* (Chl *a10*)  
 63. *Chlorophyll a11* (Chl *a11*)  
 64. *Chlorophyll a12* (Chl *a12*)  
 65. *Chlorophyll a13* (Chl *a13*)  
 66. *Chlorophyll a14* (Chl *a14*)  
 67. *Chlorophyll a15* (Chl *a15*)  
 68. *Chlorophyll a16* (Chl *a16*)  
 69. *Chlorophyll a17* (Chl *a17*)  
 70. *Chlorophyll a18* (Chl *a18*)  
 71. *Chlorophyll a19* (Chl *a19*)  
 72. *Chlorophyll a20* (Chl *a20*)  
 73. *Chlorophyll a21* (Chl *a21*)  
 74. *Chlorophyll a22* (Chl *a22*)  
 75. *Chlorophyll a23* (Chl *a23*)  
 76. *Chlorophyll a24* (Chl *a24*)  
 77. *Chlorophyll a25* (Chl *a25*)  
 78. *Chlorophyll a26* (Chl *a26*)  
 79. *Chlorophyll a27* (Chl *a27*)  
 80. *Chlorophyll a28* (Chl *a28*)  
 81. *Chlorophyll a29* (Chl *a29*)  
 82. *Chlorophyll a30* (Chl *a30*)  
 83. *Chlorophyll a31* (Chl *a31*)  
 84. *Chlorophyll a32* (Chl *a32*)  
 85. *Chlorophyll a33* (Chl *a33*)  
 86. *Chlorophyll a34* (Chl *a34*)  
 87. *Chlorophyll a35* (Chl *a35*)  
 88. *Chlorophyll a36* (Chl *a36*)  
 89. *Chlorophyll a37* (Chl *a37*)  
 90. *Chlorophyll a38* (Chl *a38*)  
 91. *Chlorophyll a39* (Chl *a39*)  
 92. *Chlorophyll a40* (Chl *a40*)  
 93. *Chlorophyll a41* (Chl *a41*)  
 94. *Chlorophyll a42* (Chl *a42*)  
 95. *Chlorophyll a43* (Chl *a43*)  
 96. *Chlorophyll a44* (Chl *a44*)  
 97. *Chlorophyll a45* (Chl *a45*)  
 98. *Chlorophyll a46* (Chl *a46*)  
 99. *Chlorophyll a47* (Chl *a47*)  
 100. *Chlorophyll a48* (Chl *a48*)  
 101. *Chlorophyll a49* (Chl *a49*)  
 102. *Chlorophyll a50* (Chl *a50*)  
 103. *Chlorophyll a51* (Chl *a51*)  
 104. *Chlorophyll a52* (Chl *a52*)  
 105. *Chlorophyll a53* (Chl *a53*)  
 106. *Chlorophyll a54* (Chl *a54*)  
 107. *Chlorophyll a55* (Chl *a55*)  
 108. *Chlorophyll a56* (Chl *a56*)  
 109. *Chlorophyll a57* (Chl *a57*)  
 110. *Chlorophyll a58* (Chl *a58*)  
 111. *Chlorophyll a59* (Chl *a59*)  
 112. *Chlorophyll a60* (Chl *a60*)  
 113. *Chlorophyll a61* (Chl *a61*)  
 114. *Chlorophyll a62* (Chl *a62*)  
 115. *Chlorophyll a63* (Chl *a63*)  
 116. *Chlorophyll a64* (Chl *a64*)  
 117. *Chlorophyll a65* (Chl *a65*)  
 118. *Chlorophyll a66* (Chl *a66*)  
 119. *Chlorophyll a67* (Chl *a67*)  
 120. *Chlorophyll a68* (Chl *a68*)  
 121. *Chlorophyll a69* (Chl *a69*)  
 122. *Chlorophyll a70* (Chl *a70*)  
 123. *Chlorophyll a71* (Chl *a71*)  
 124. *Chlorophyll a72* (Chl *a72*)  
 125. *Chlorophyll a73* (Chl *a73*)  
 126. *Chlorophyll a74* (Chl *a74*)  
 127. *Chlorophyll a75* (Chl *a75*)  
 128. *Chlorophyll a76* (Chl *a76*)  
 129. *Chlorophyll a77* (Chl *a77*)  
 130. <



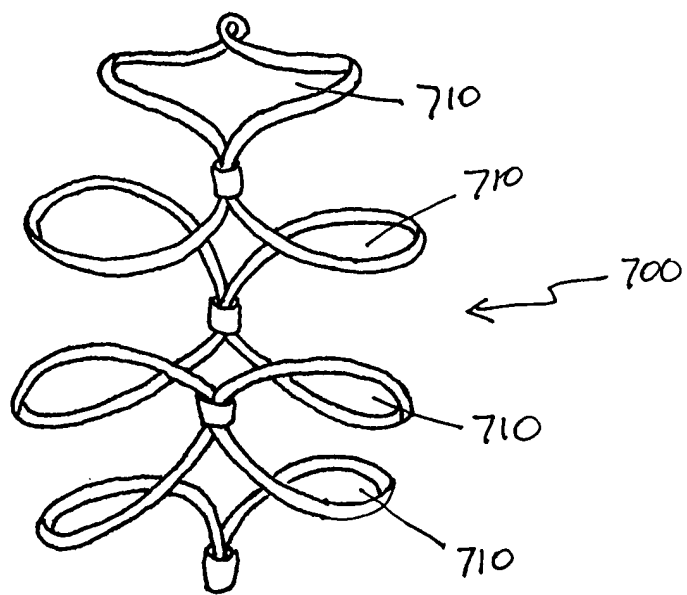


FIG. 15

001220" 54295460

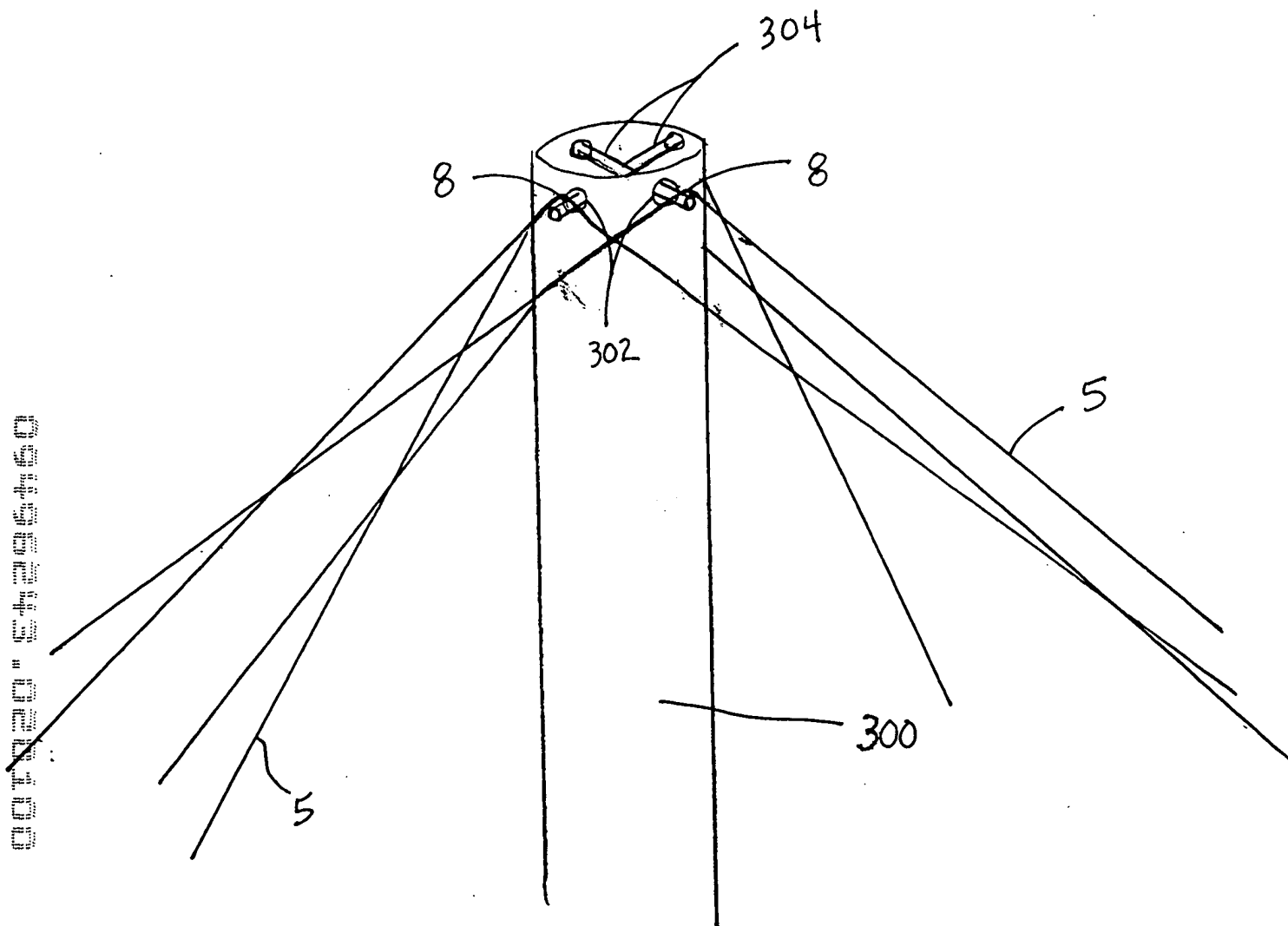


FIG. 16

007020" 04296460

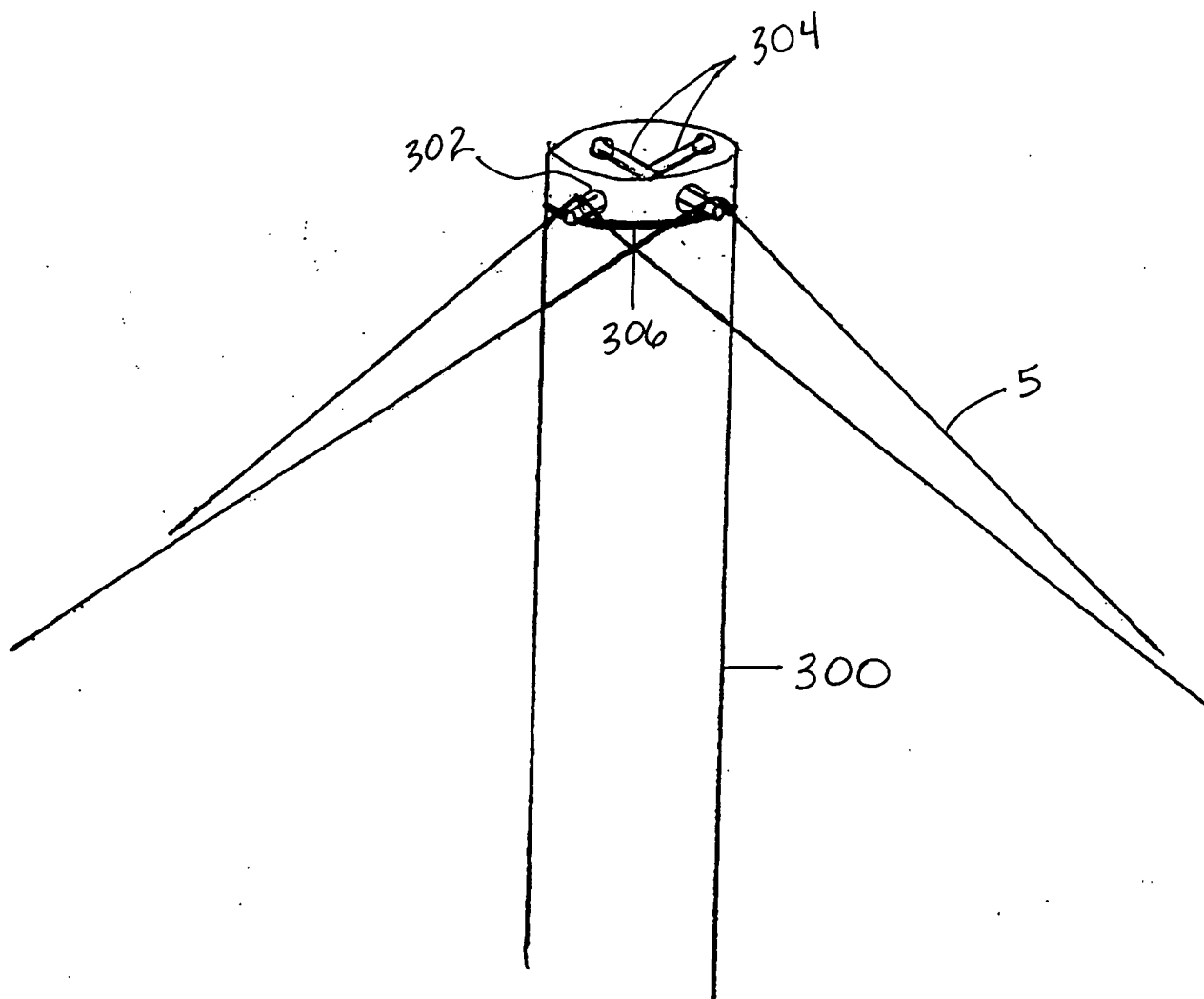


FIG. 17

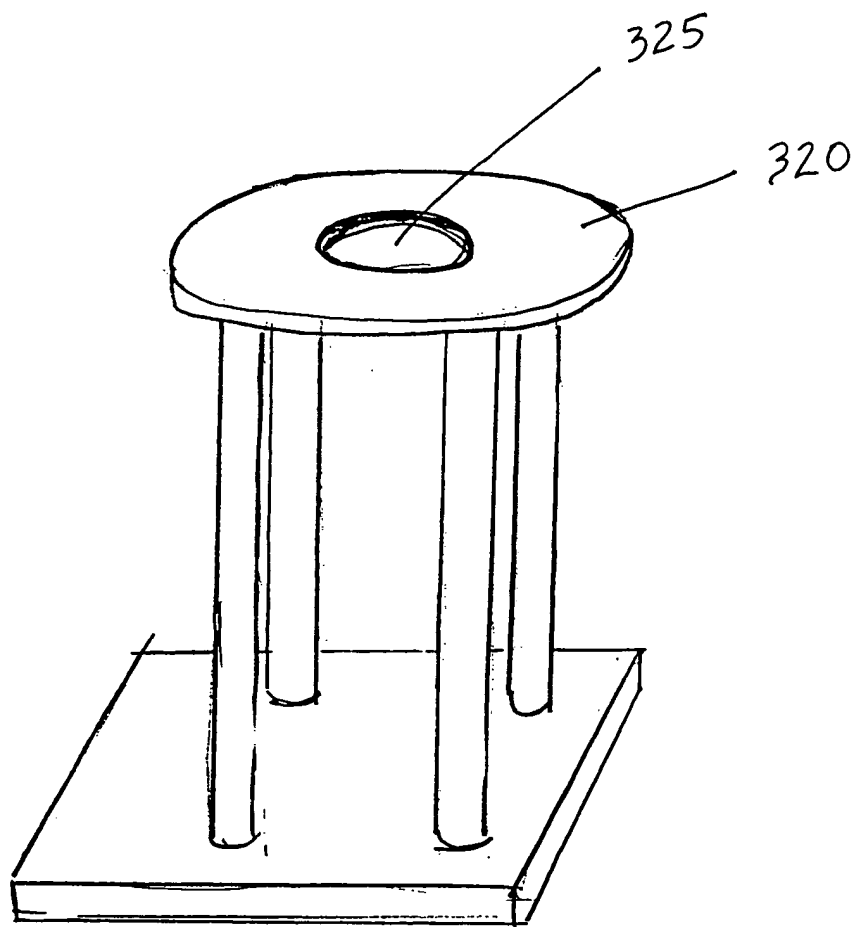
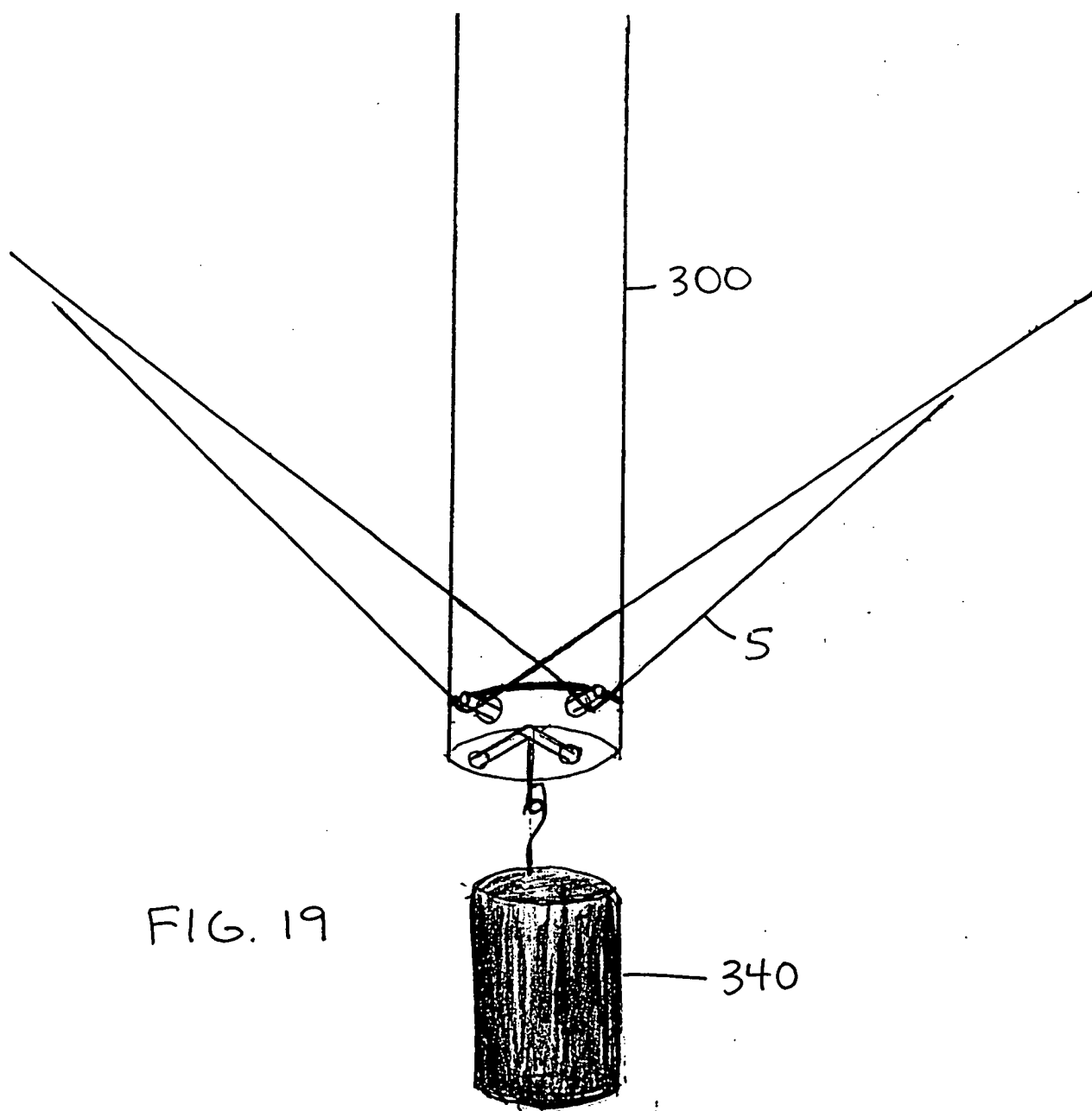


FIG. 18

330

09495643-000100



09496243.020100

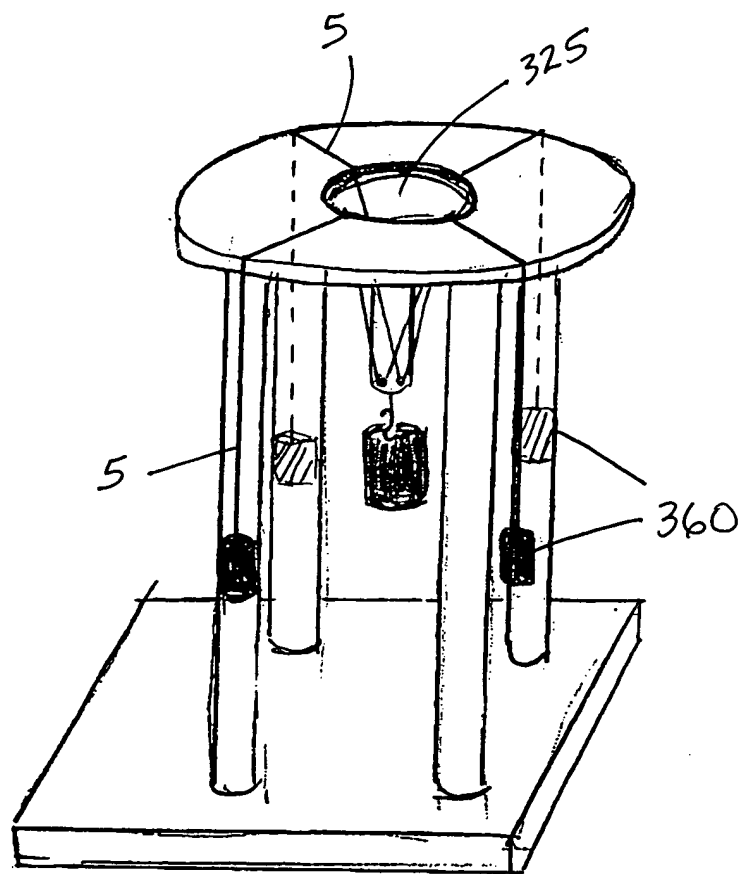


FIG. 20



094506243 0000100

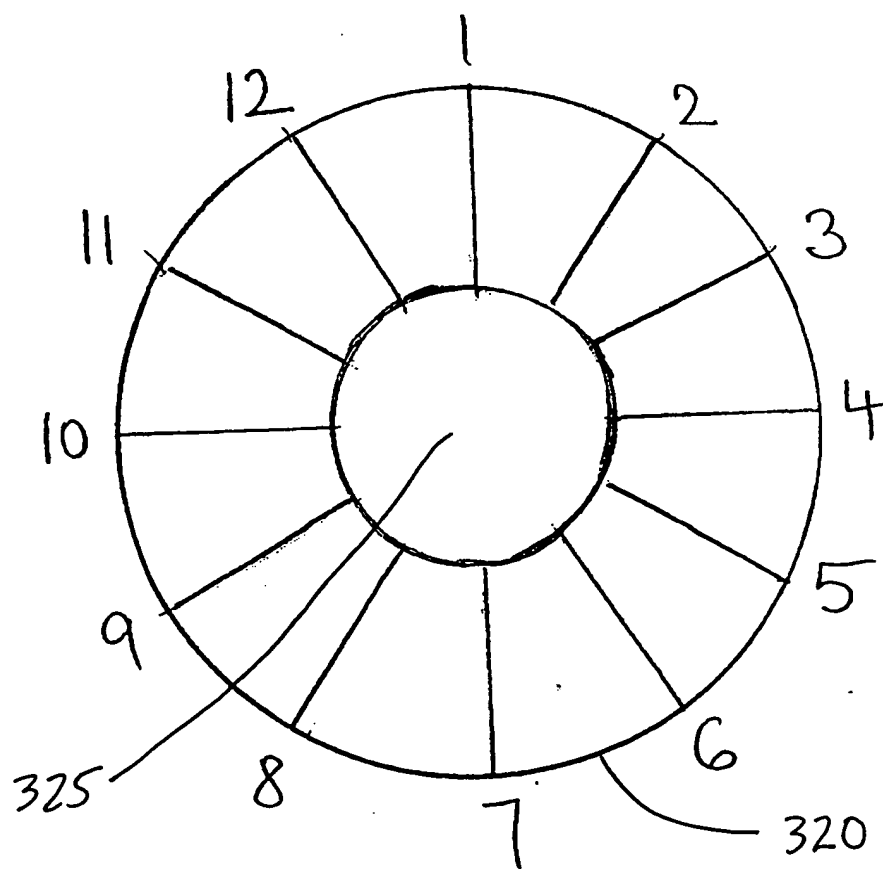
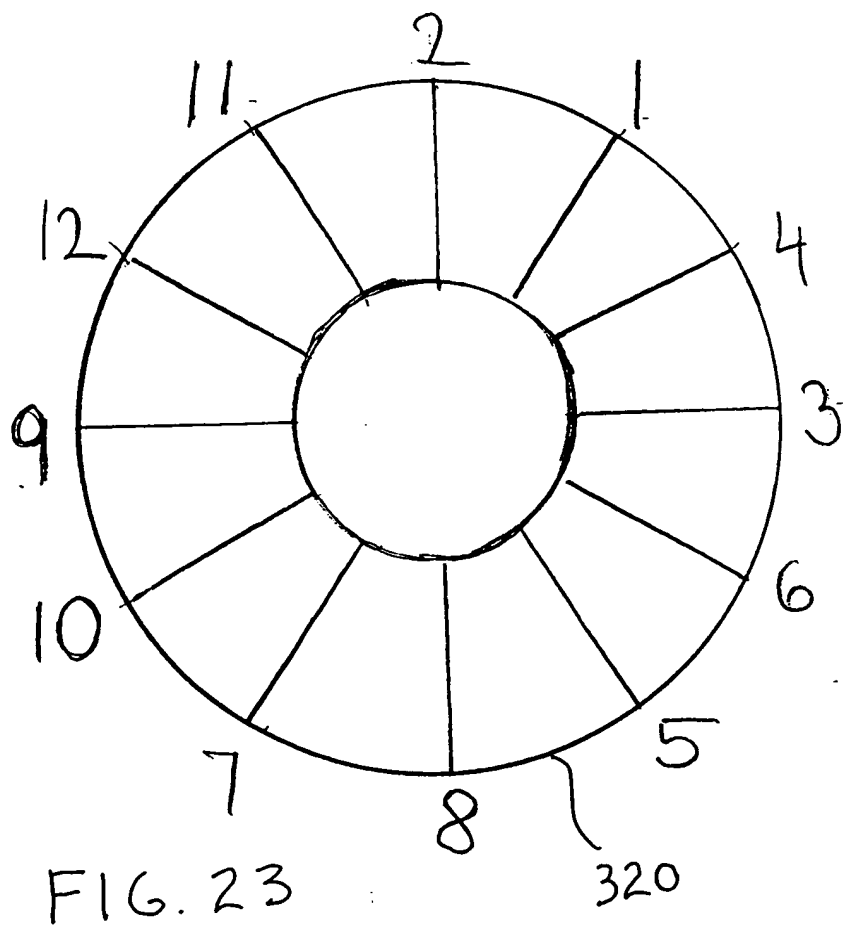


FIG. 21

09498243.000100



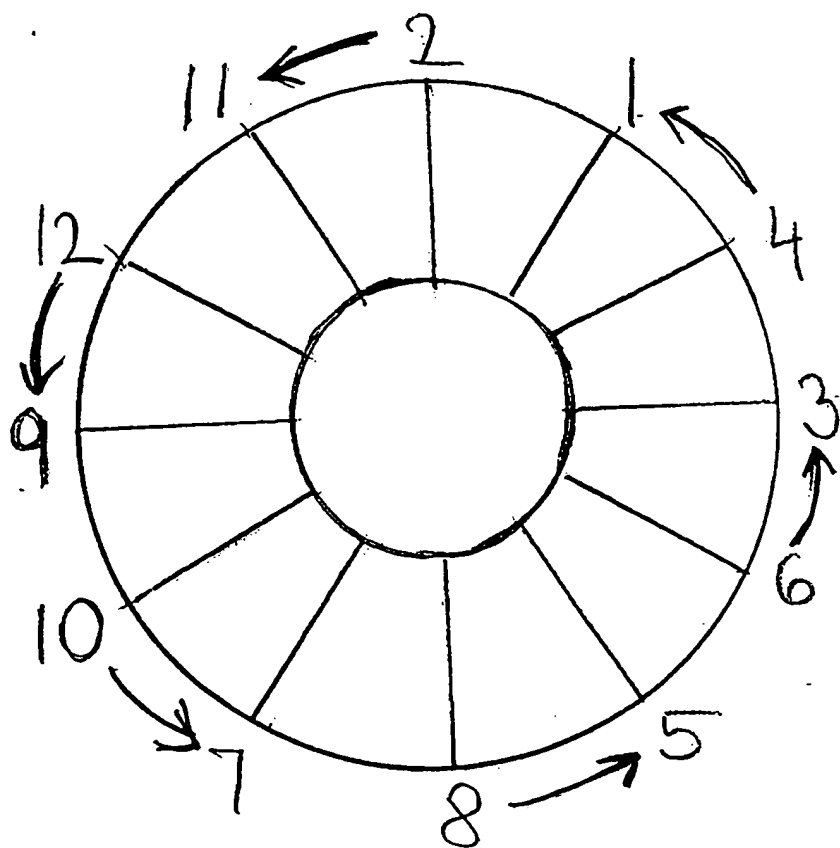


FIG. 24



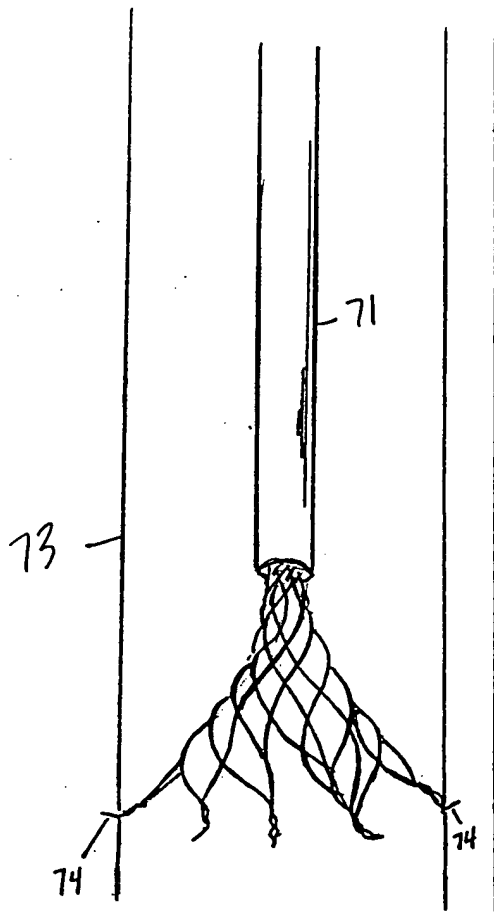


FIG. 27A

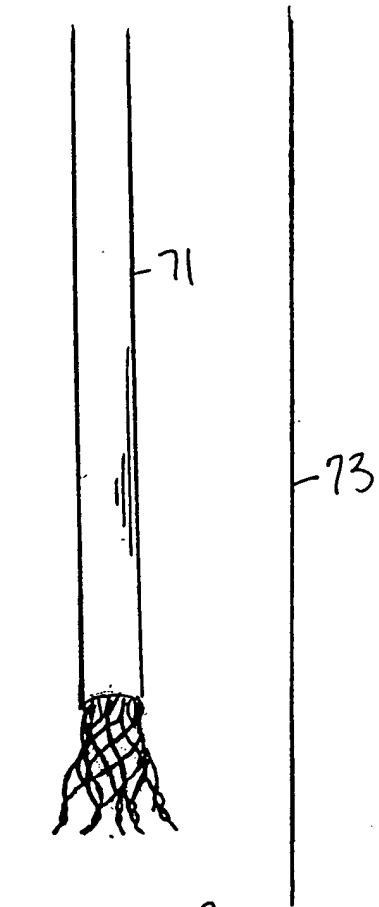


FIG. 27B

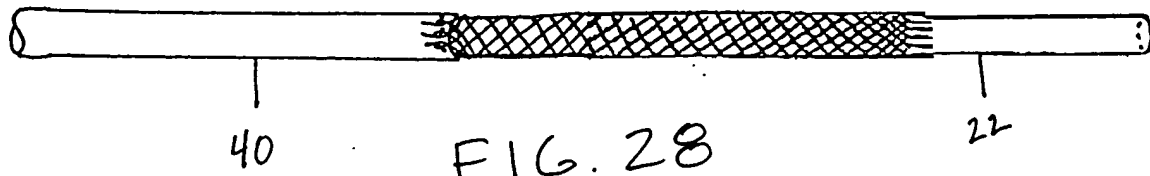


FIG. 28

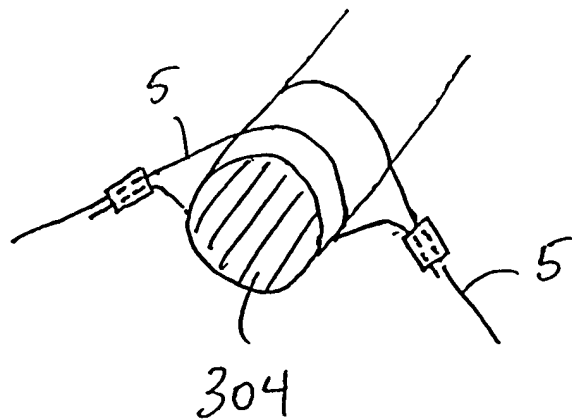


FIG. 30B

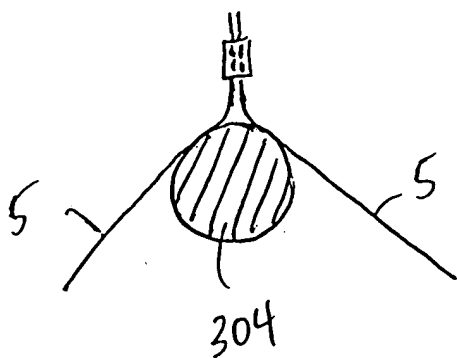


FIG. 30A



FIG. 29

09496243.020100

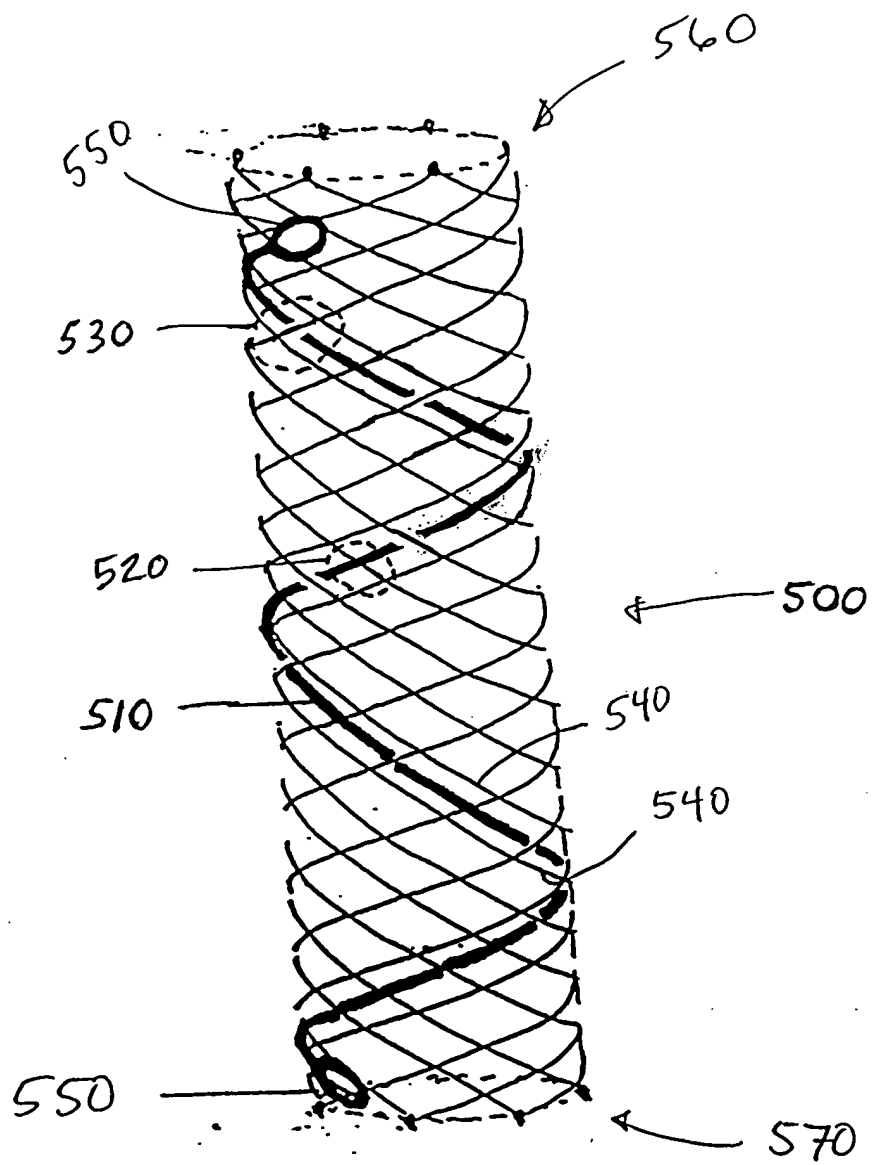


FIG. 31



09496243.020100

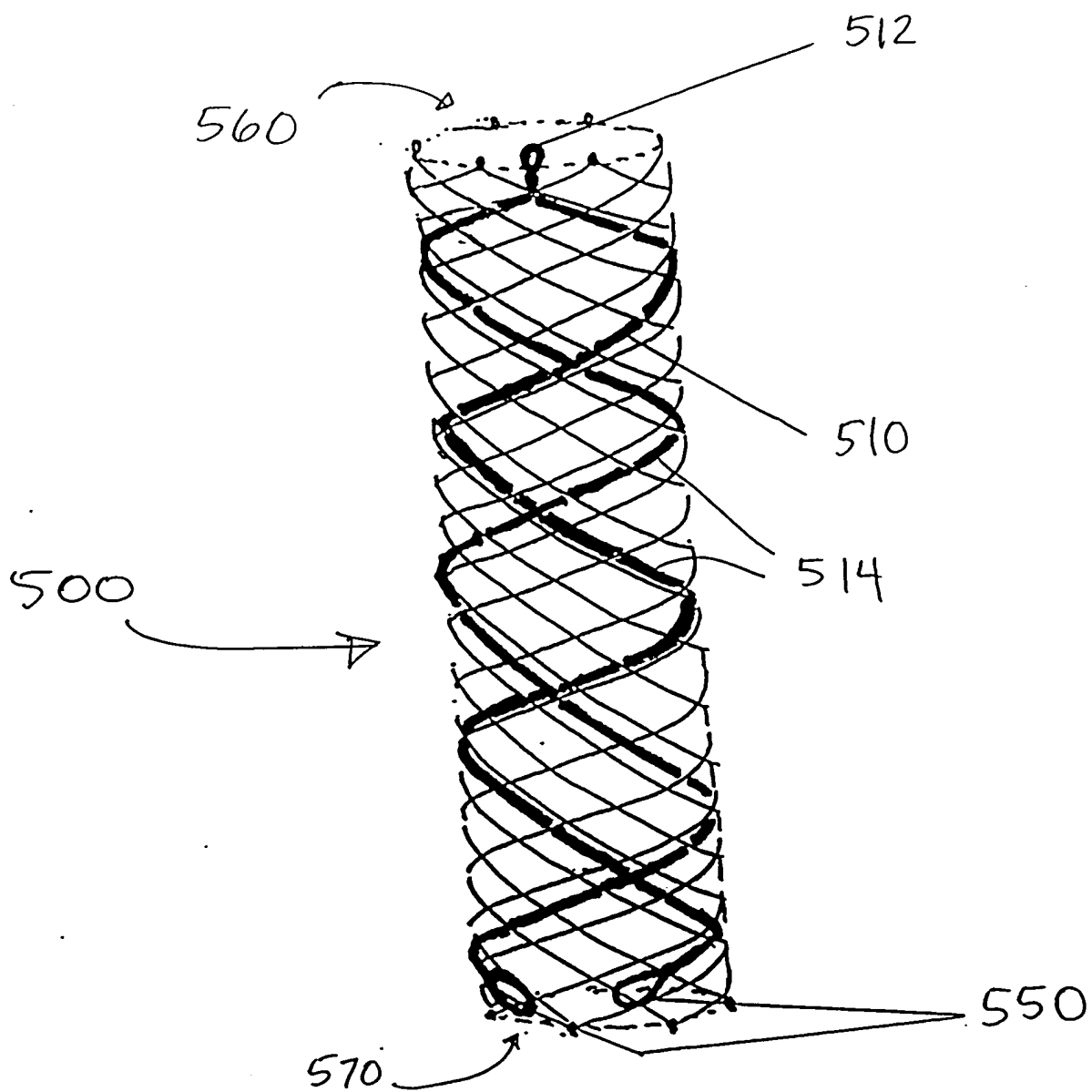


FIG. 32

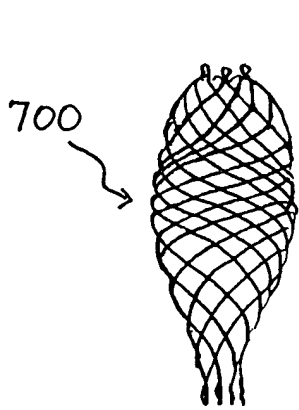


FIG. 33A

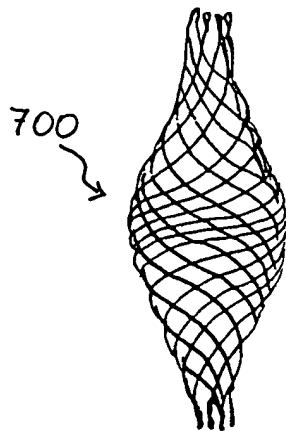


FIG. 33B

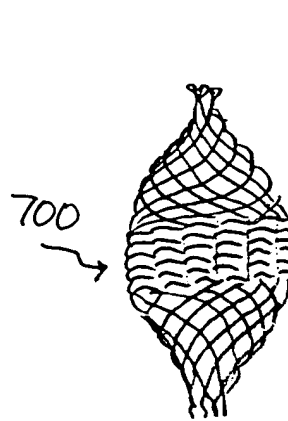


FIG. 33C

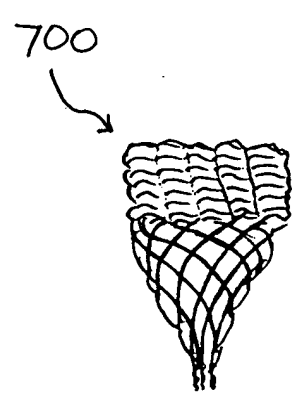


FIG. 33D

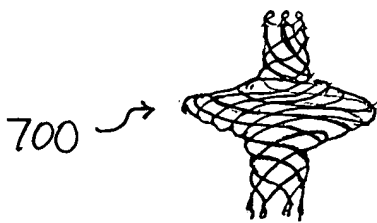


FIG. 33E

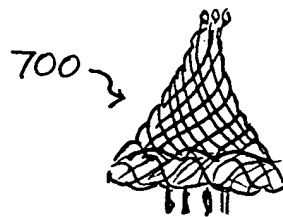


FIG. 33F

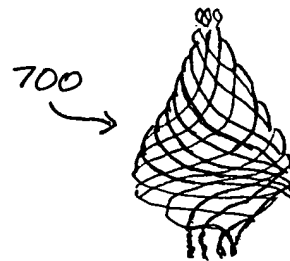


FIG. 33G

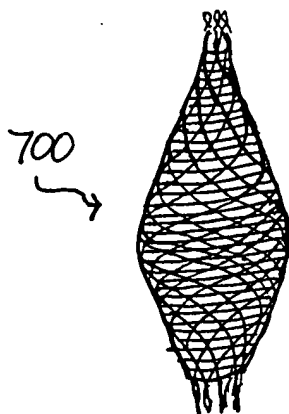


FIG. 34

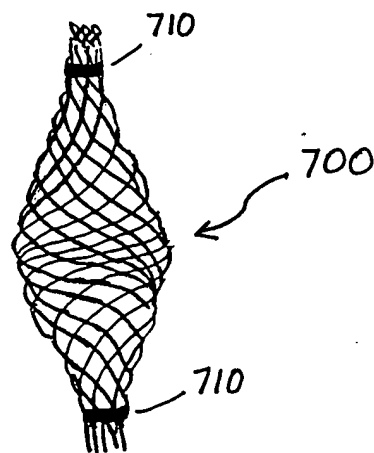


FIG. 35

09496243.000100

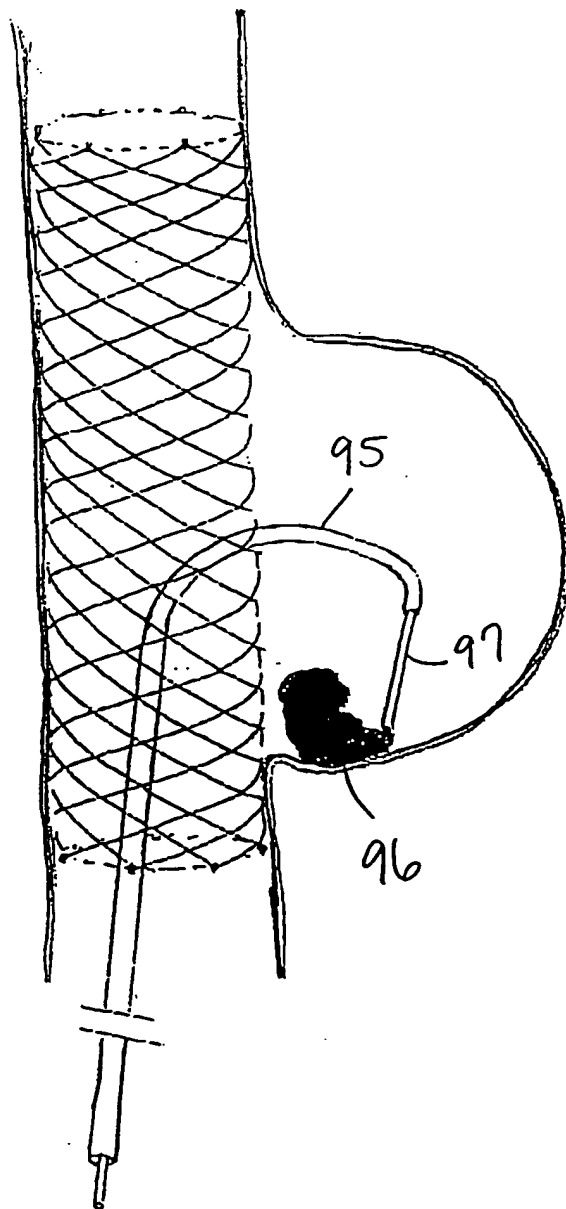


FIG. 36

09456243-000300

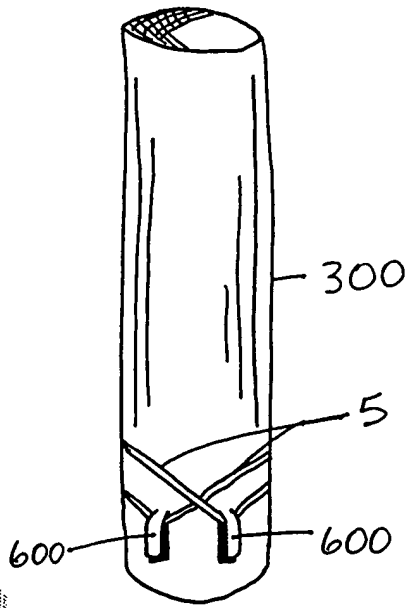


FIG. 37

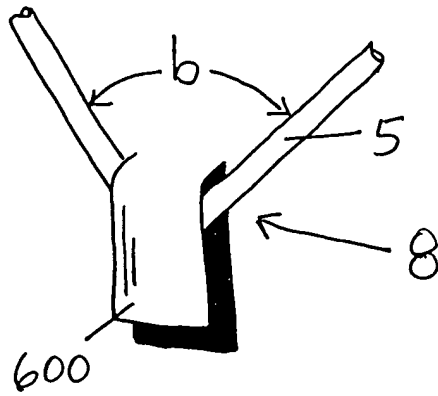


FIG. 38A

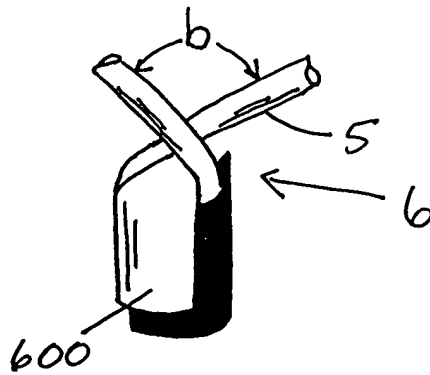


FIG. 38B

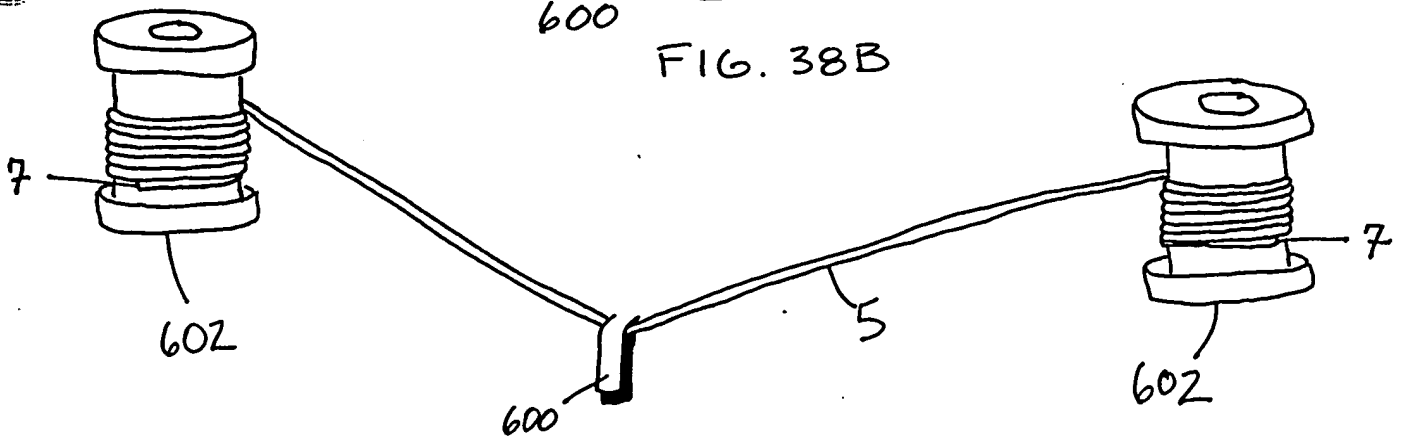
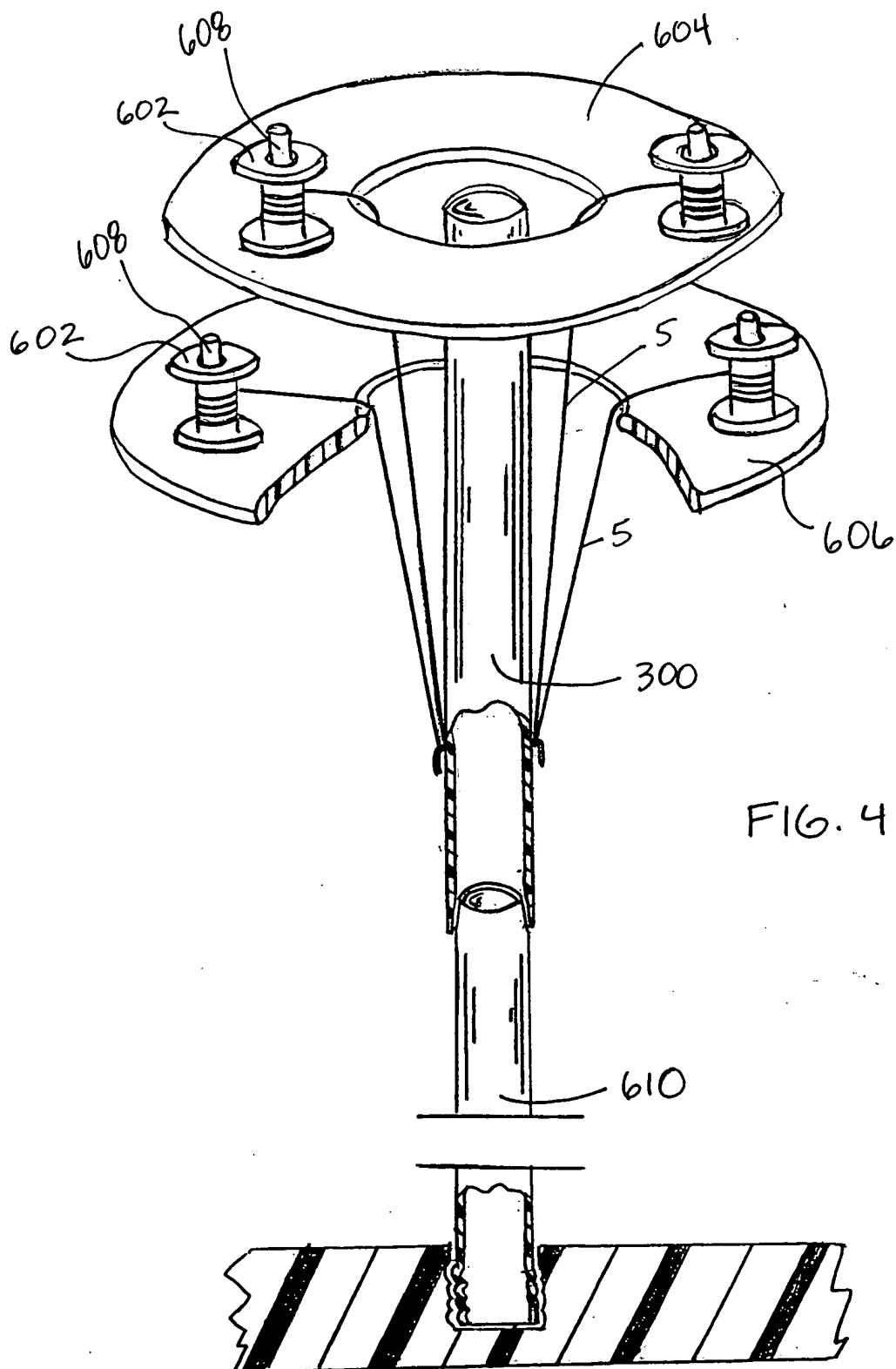


FIG. 39





09492313-000100

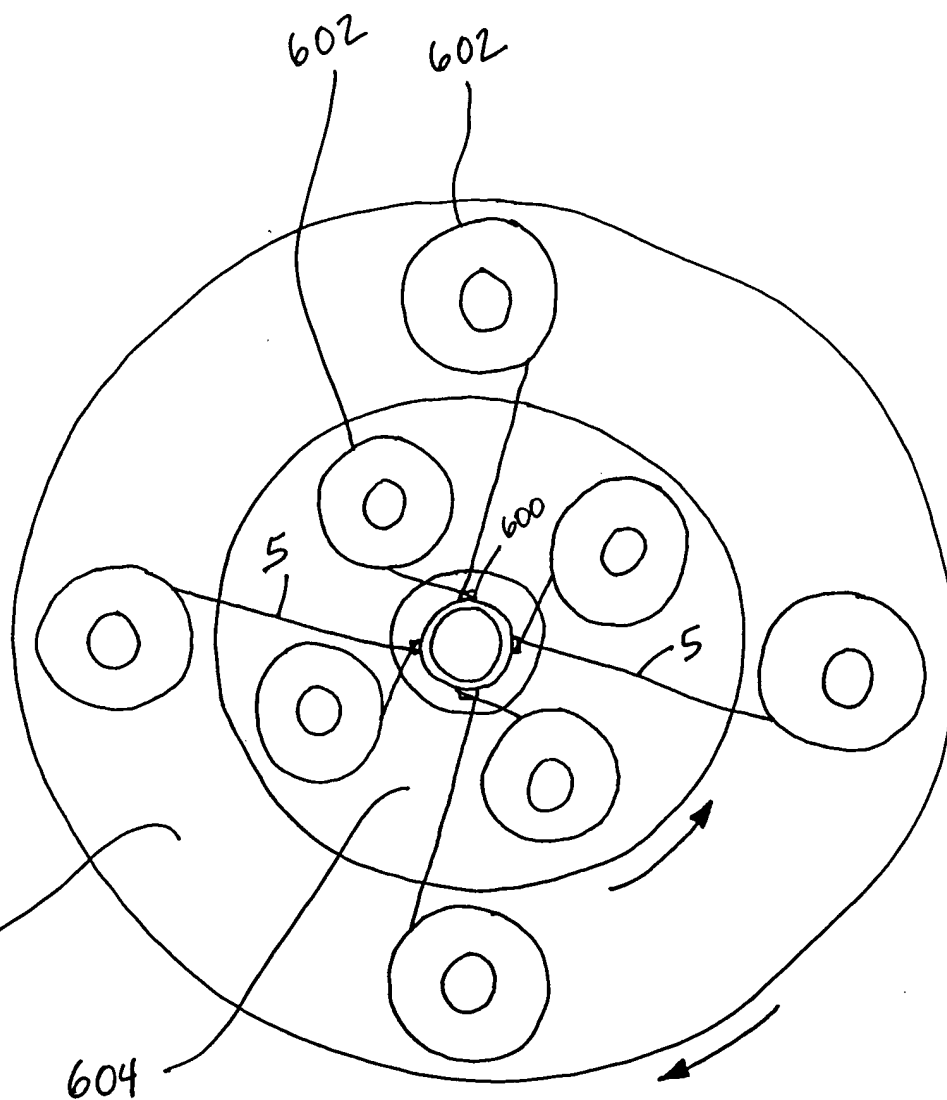


FIG. 42A

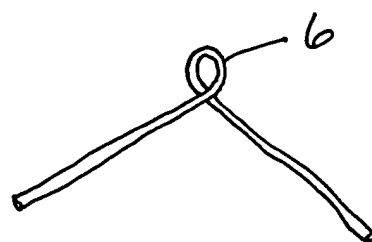


FIG. 42B

09490343 020100

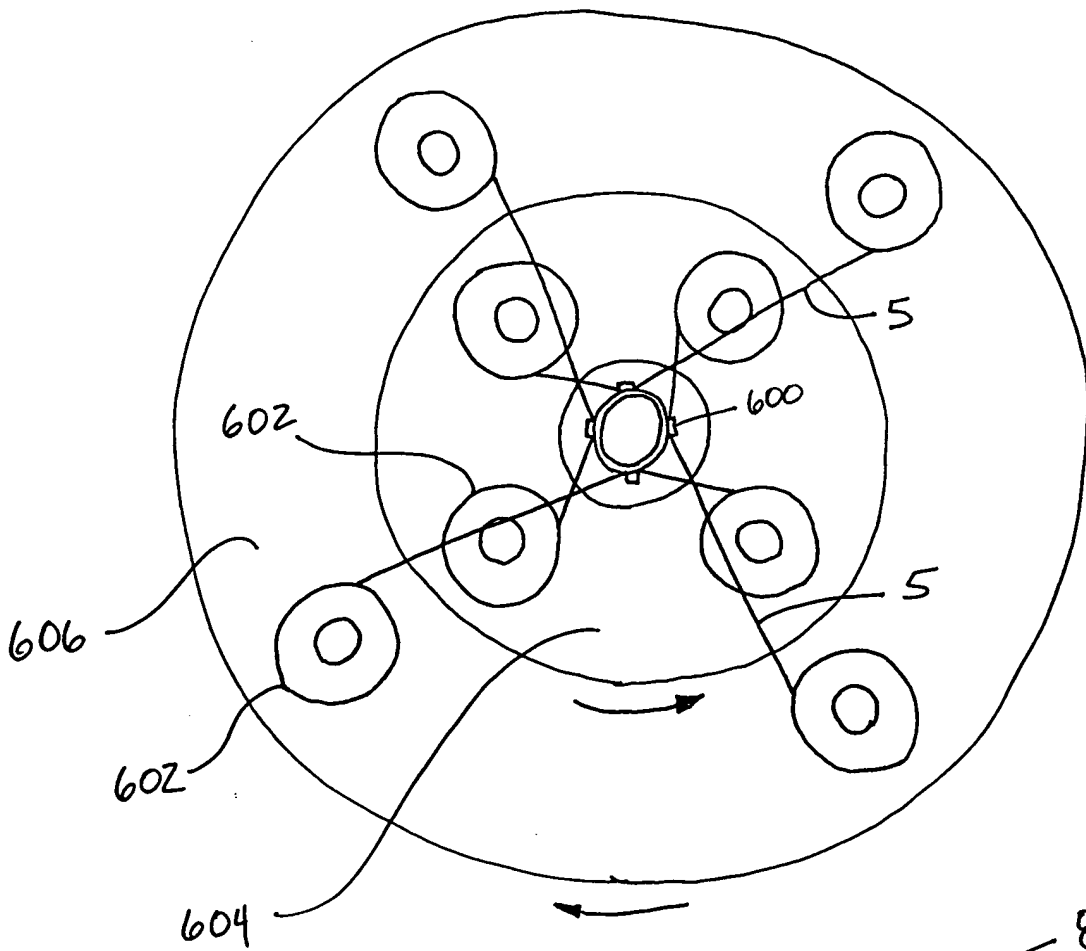


FIG. 43A

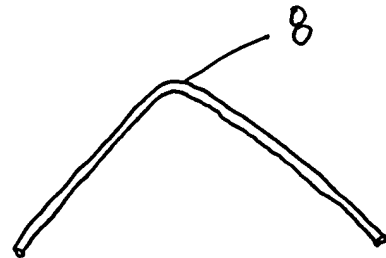
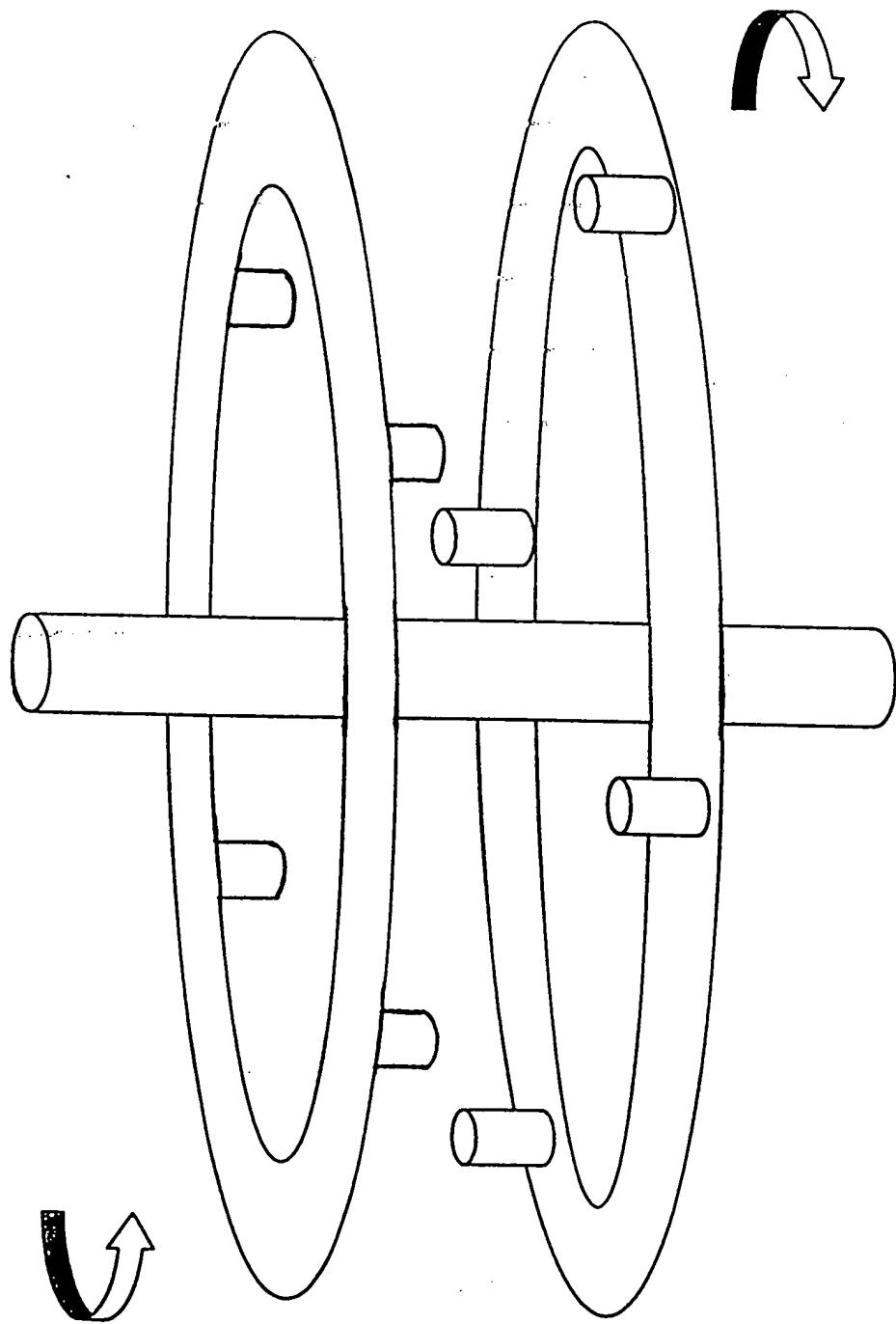


FIG. 43B



[illegible]

File 44

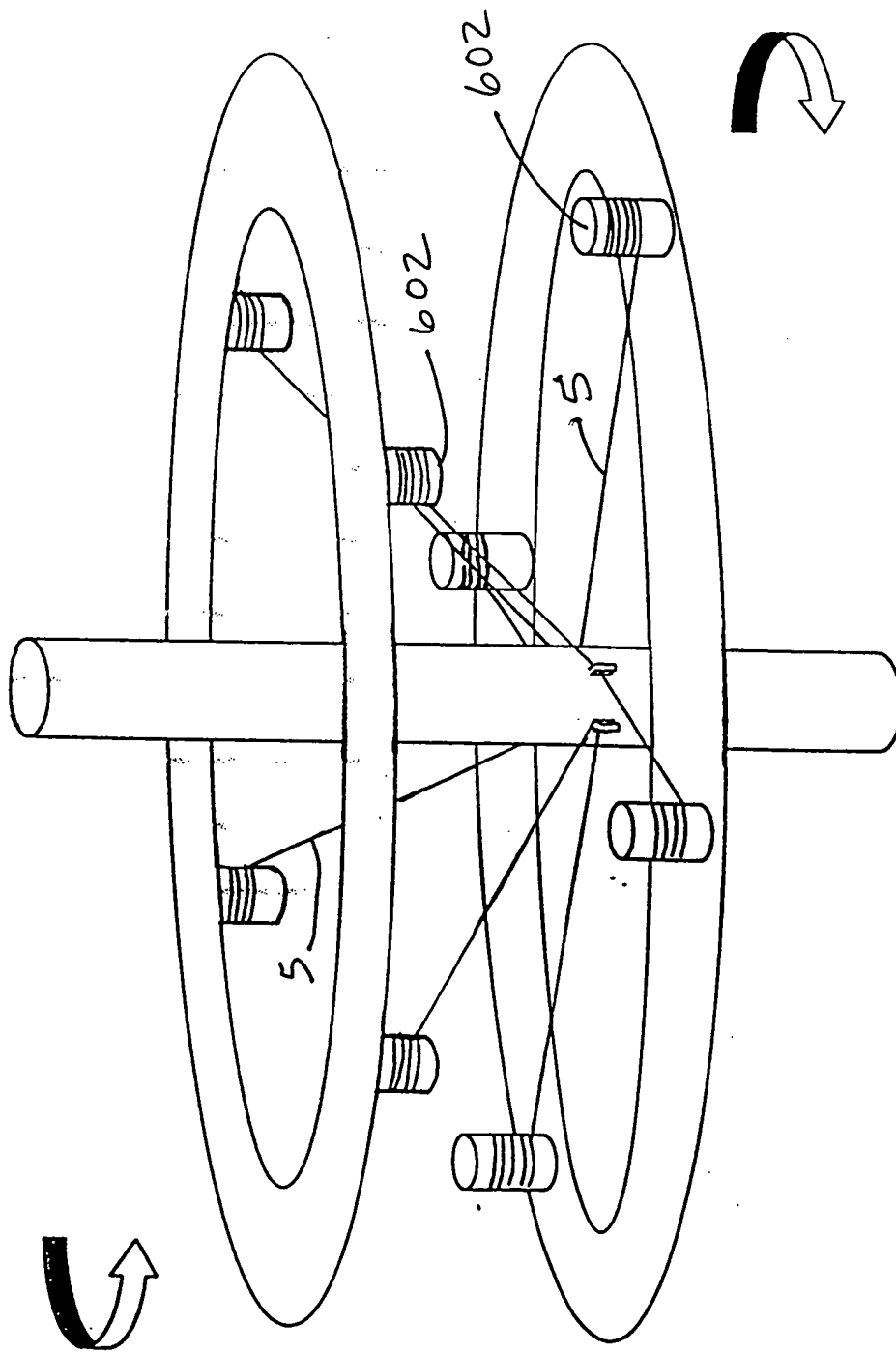


FIG. 45

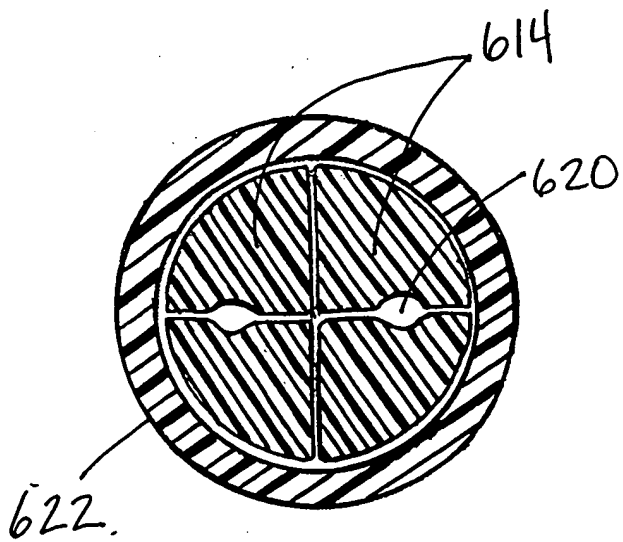


FIG. 46B

612

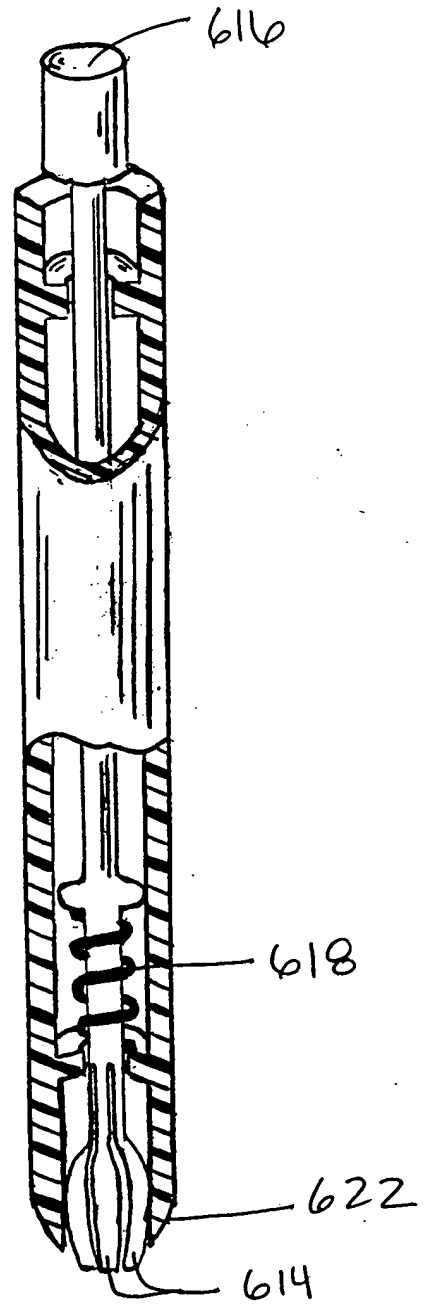


FIG. 46A

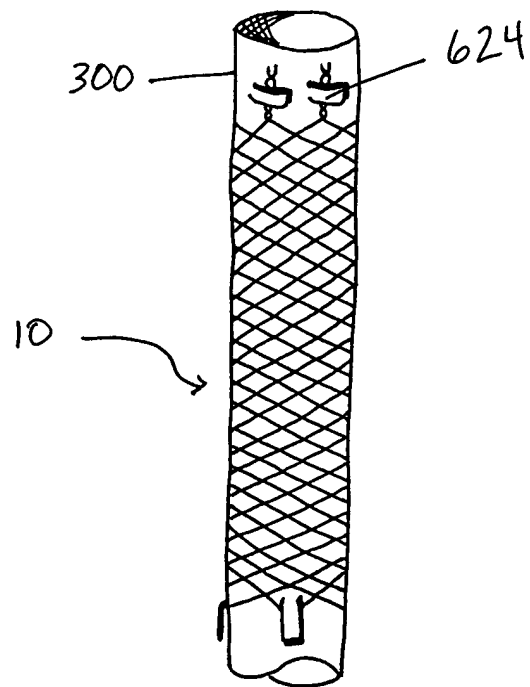


FIG. 47A

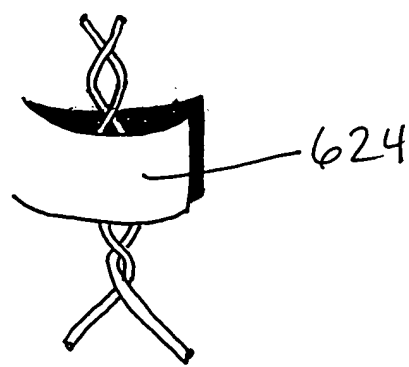


FIG. 47B

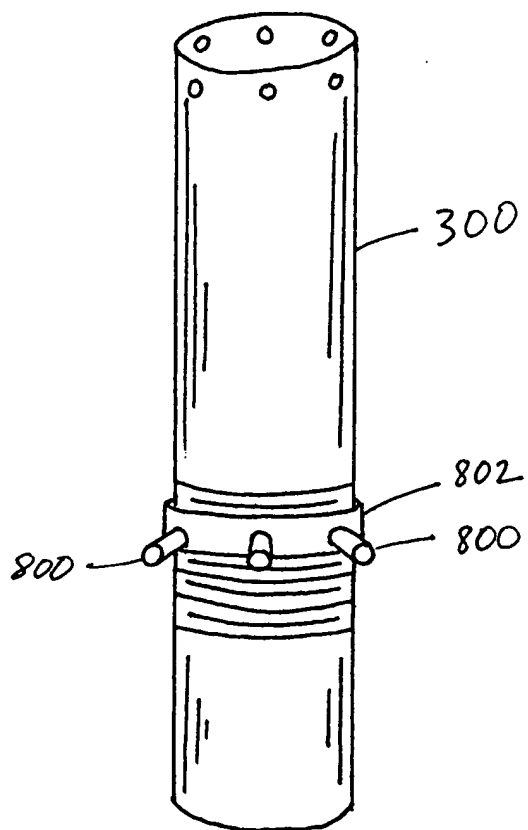


FIG. 48

09490249-000400

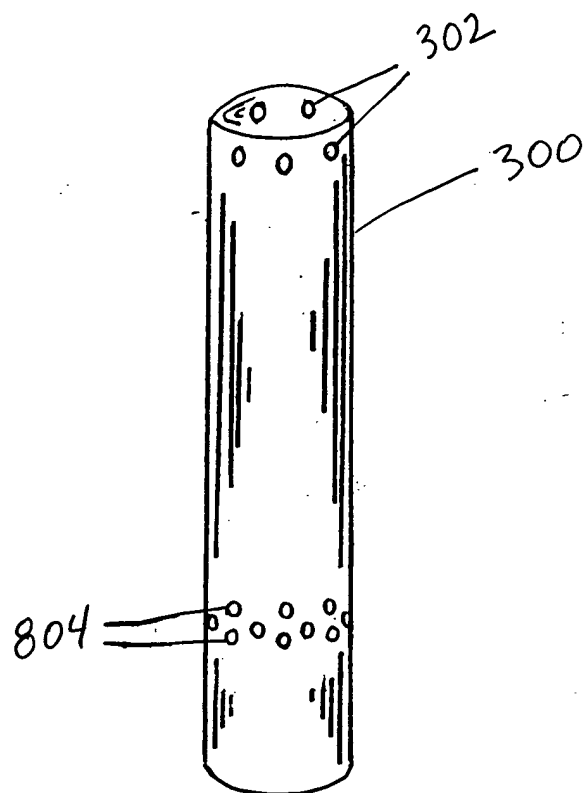
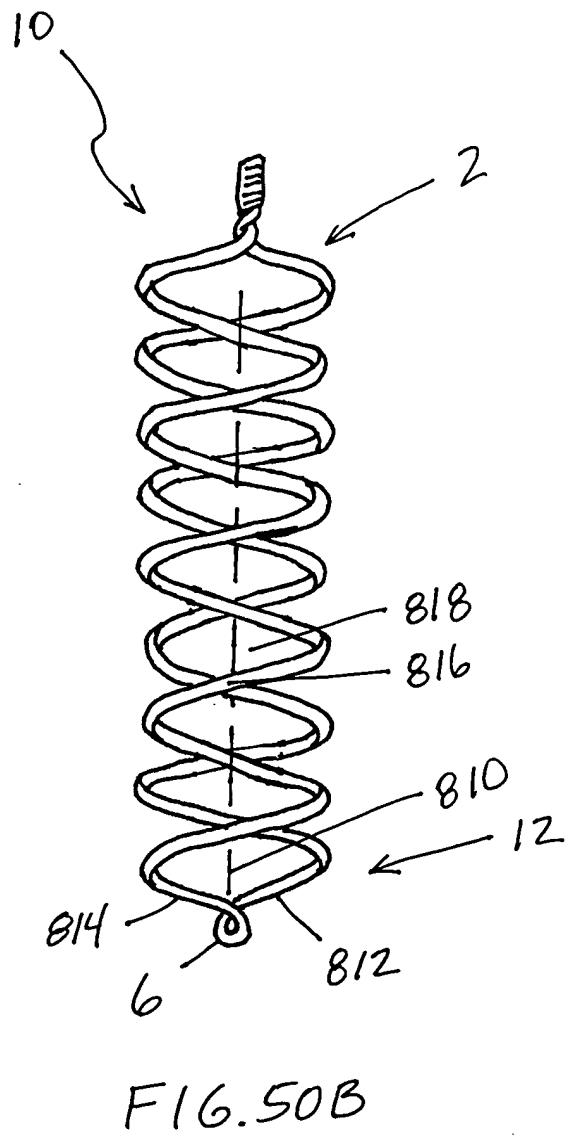
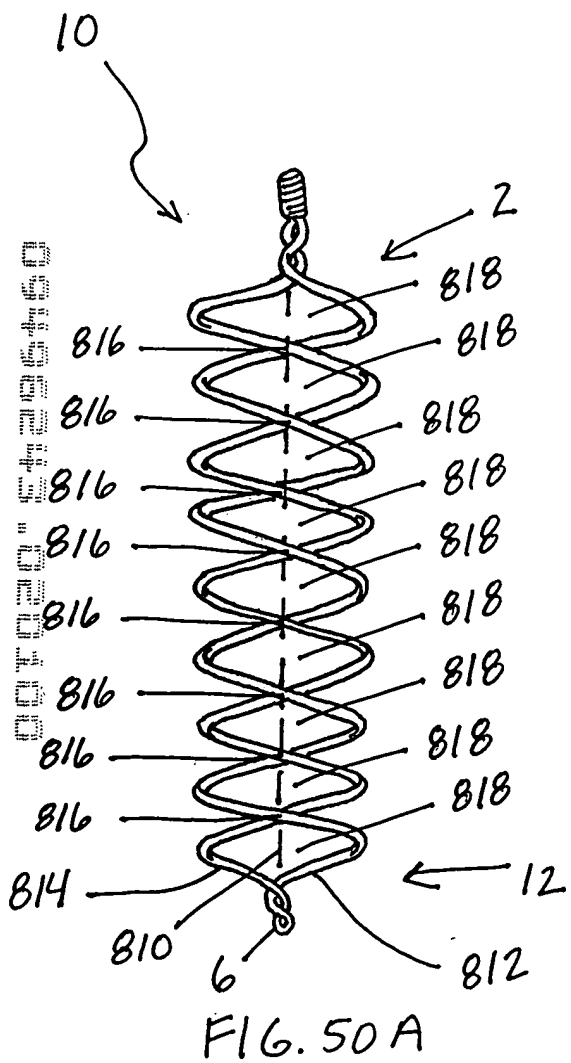


FIG. 49



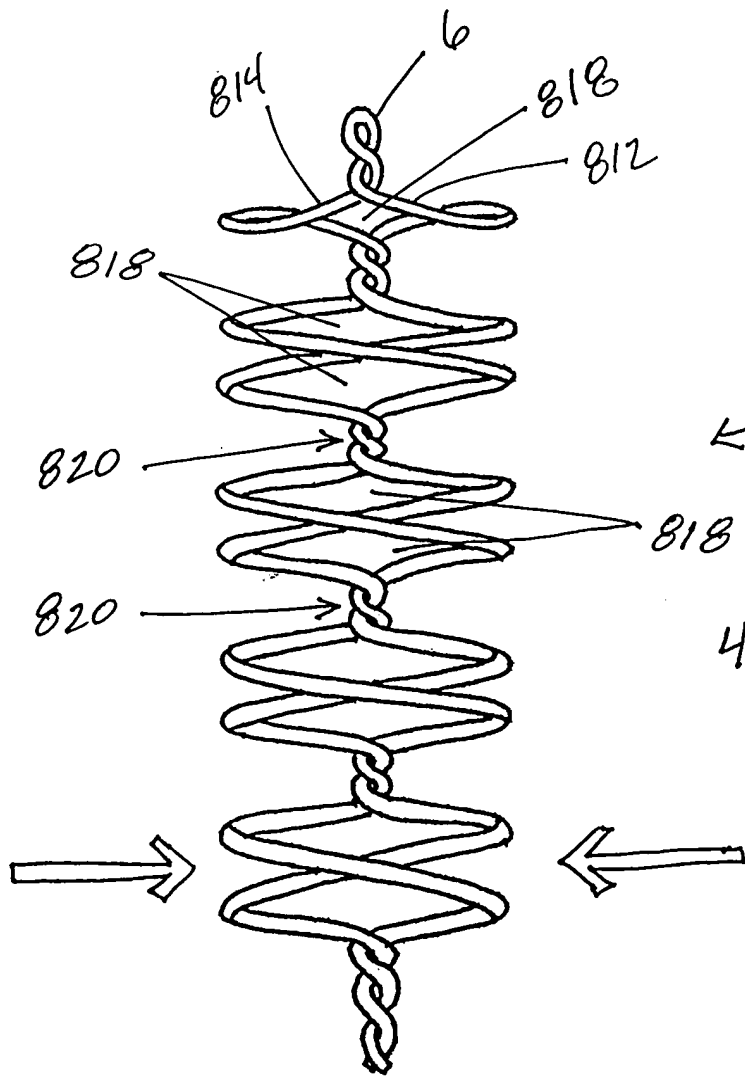


FIG. 50C

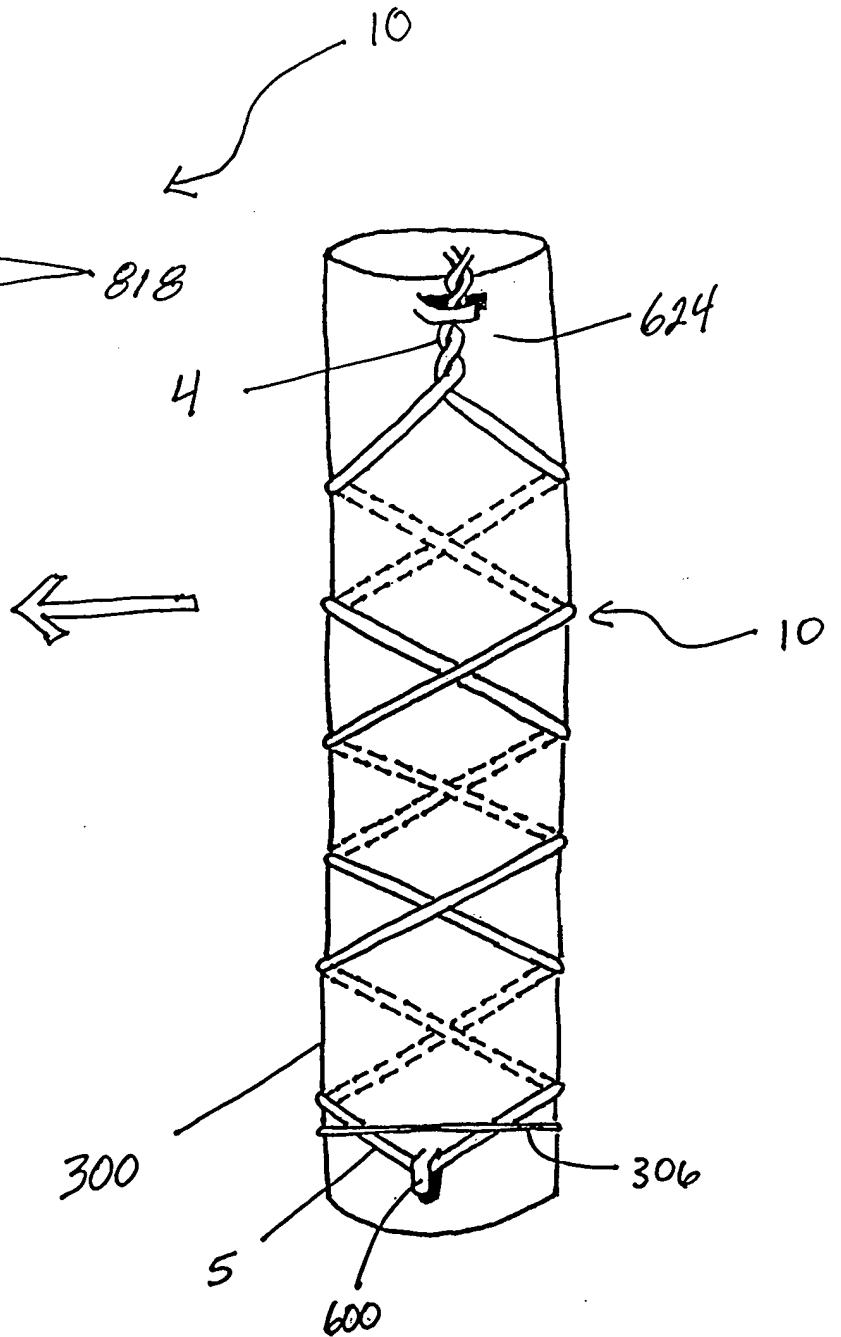


FIG. 50D



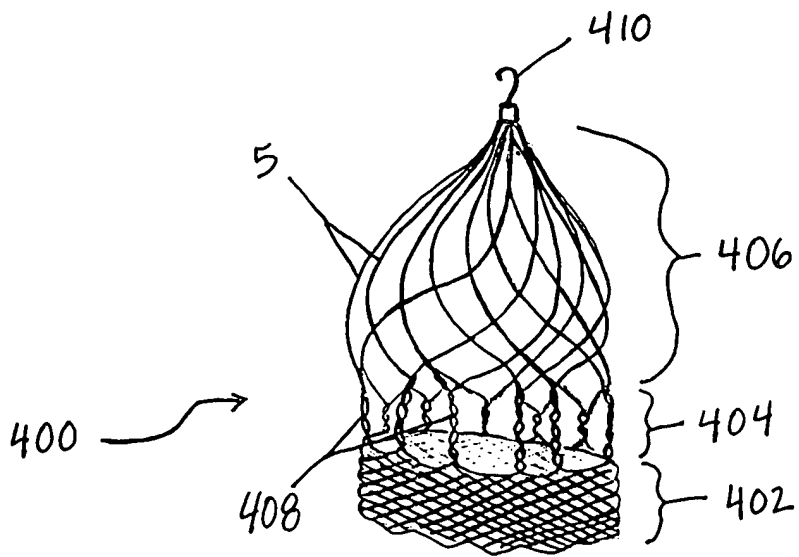


FIG. 51

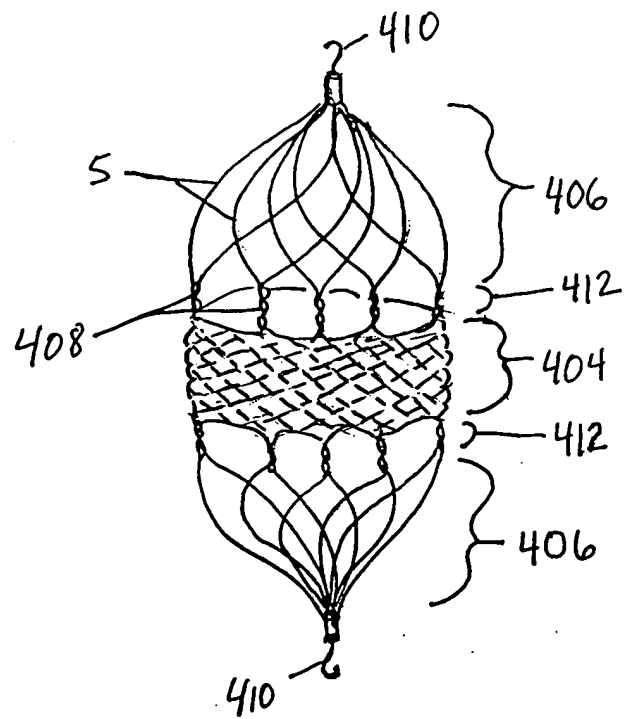


FIG. 53

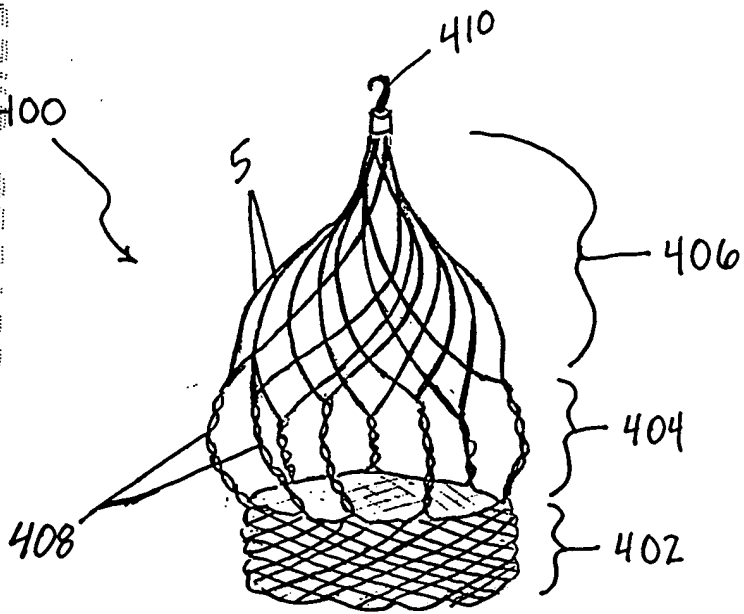


FIG. 52

0949623-020100

0949023.020400

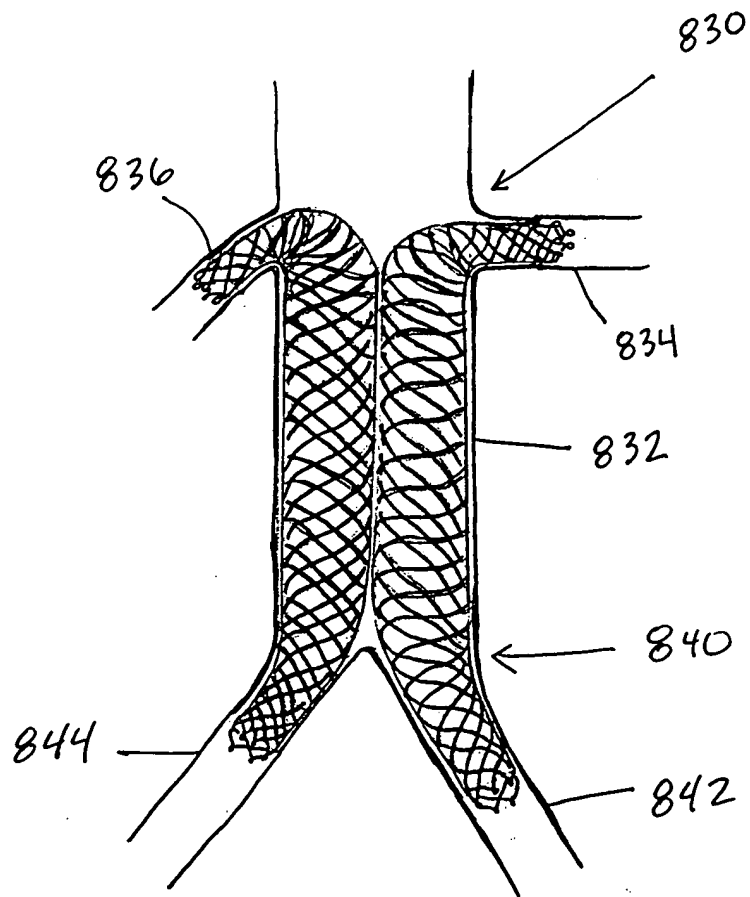


FIG. 54

094963-020400

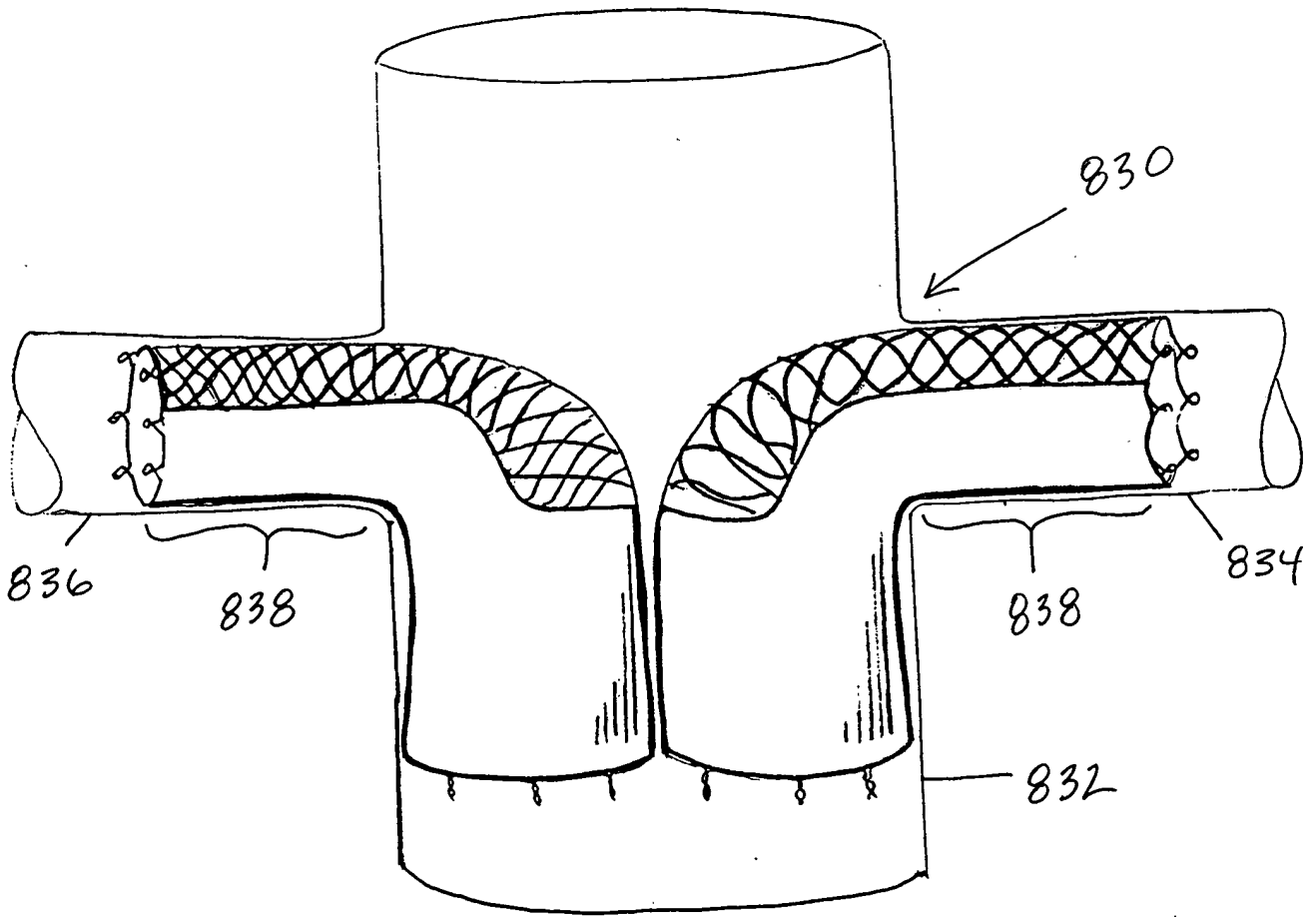


FIG. 55

09496243.020100

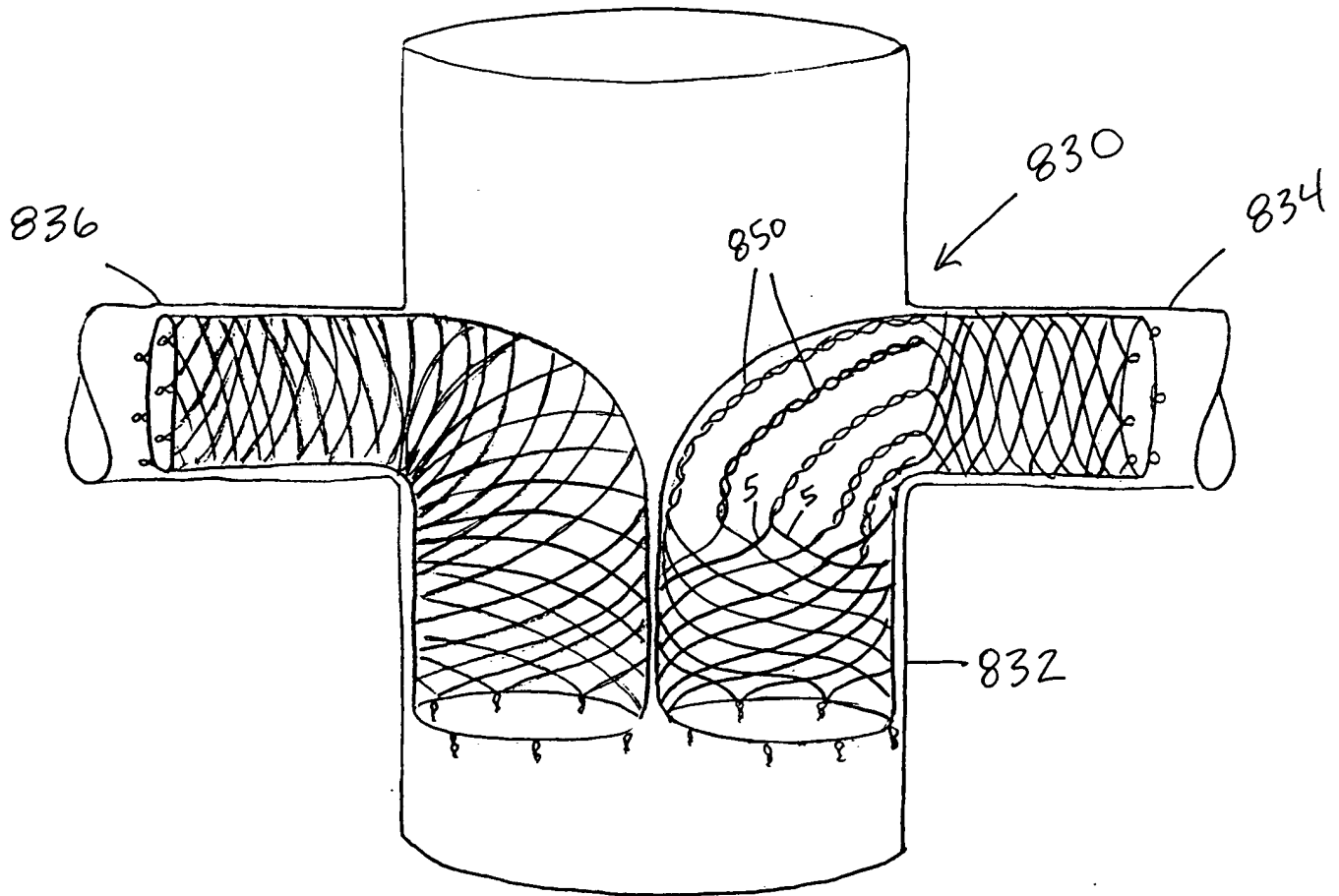


FIG. 56

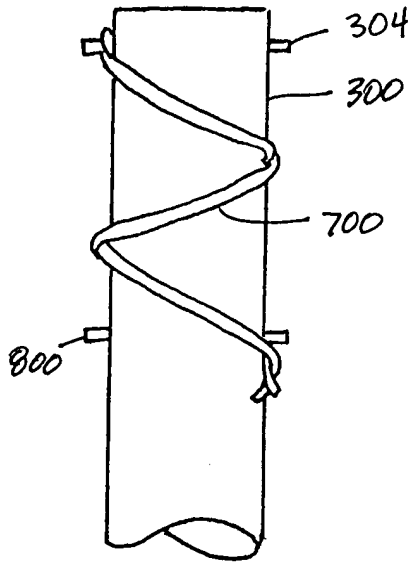


FIG. 57A

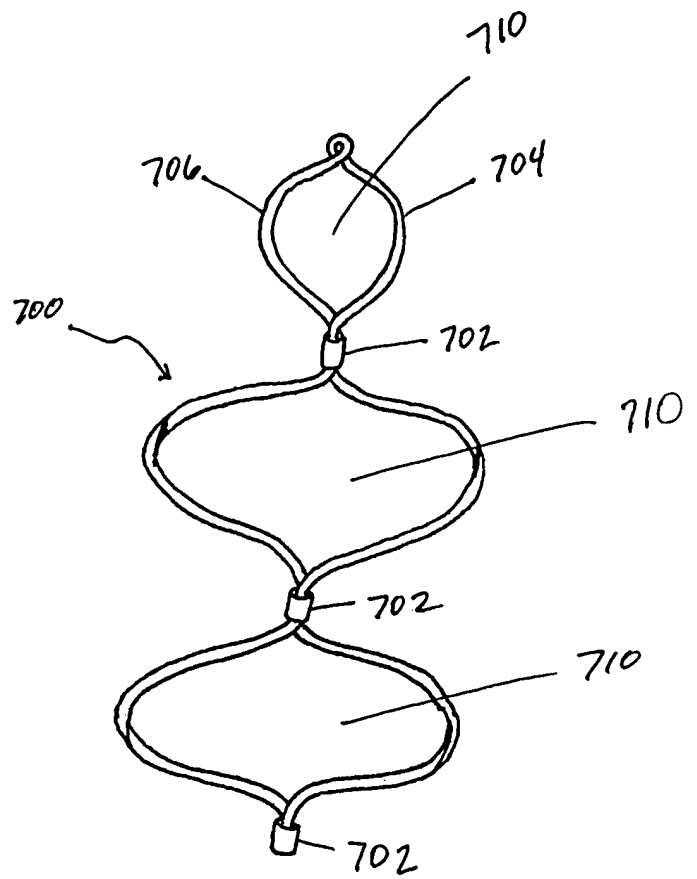


FIG. 57B

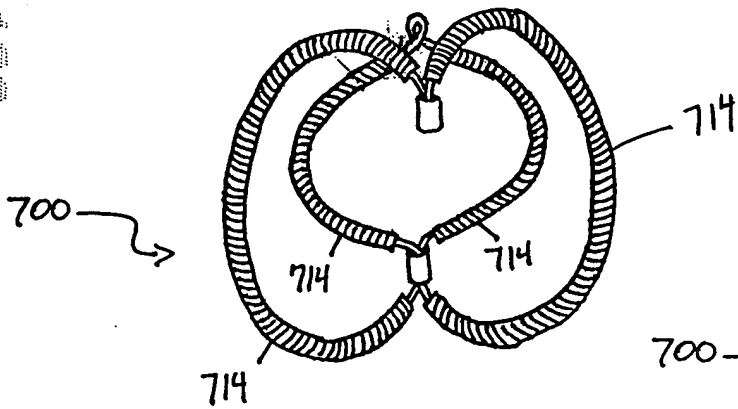


FIG. 57C

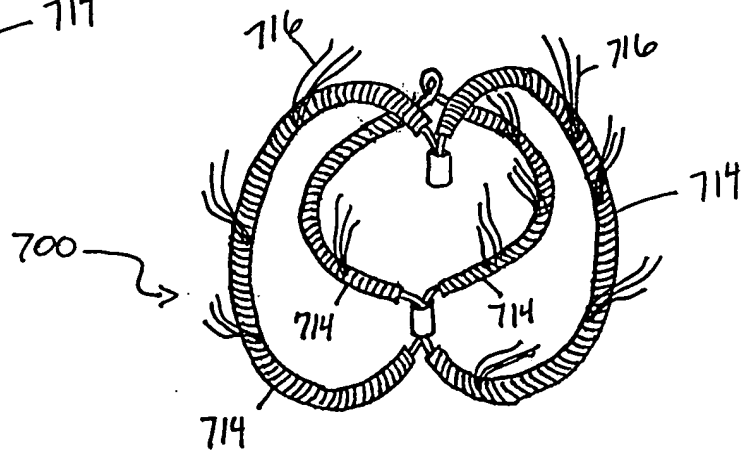


FIG. 57D

09490243-00000000

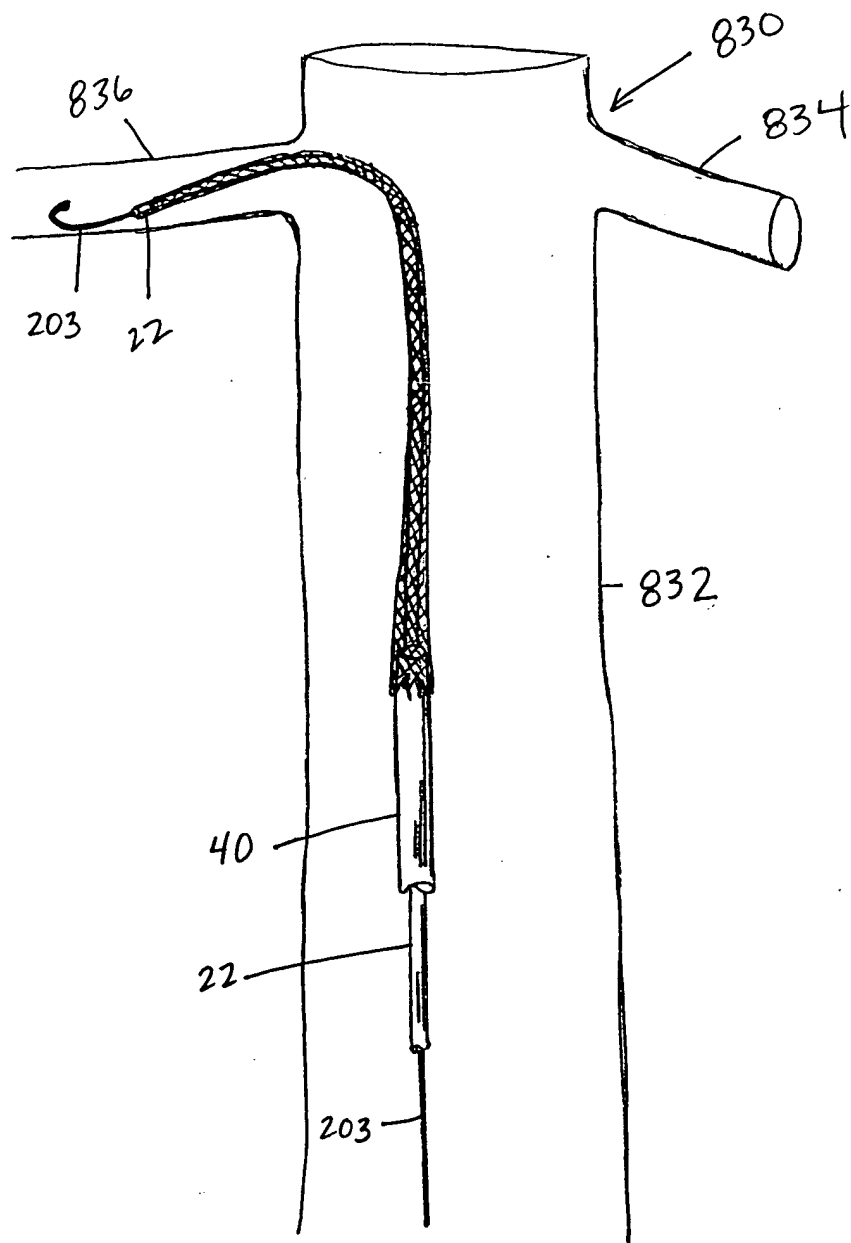


FIG. 58A

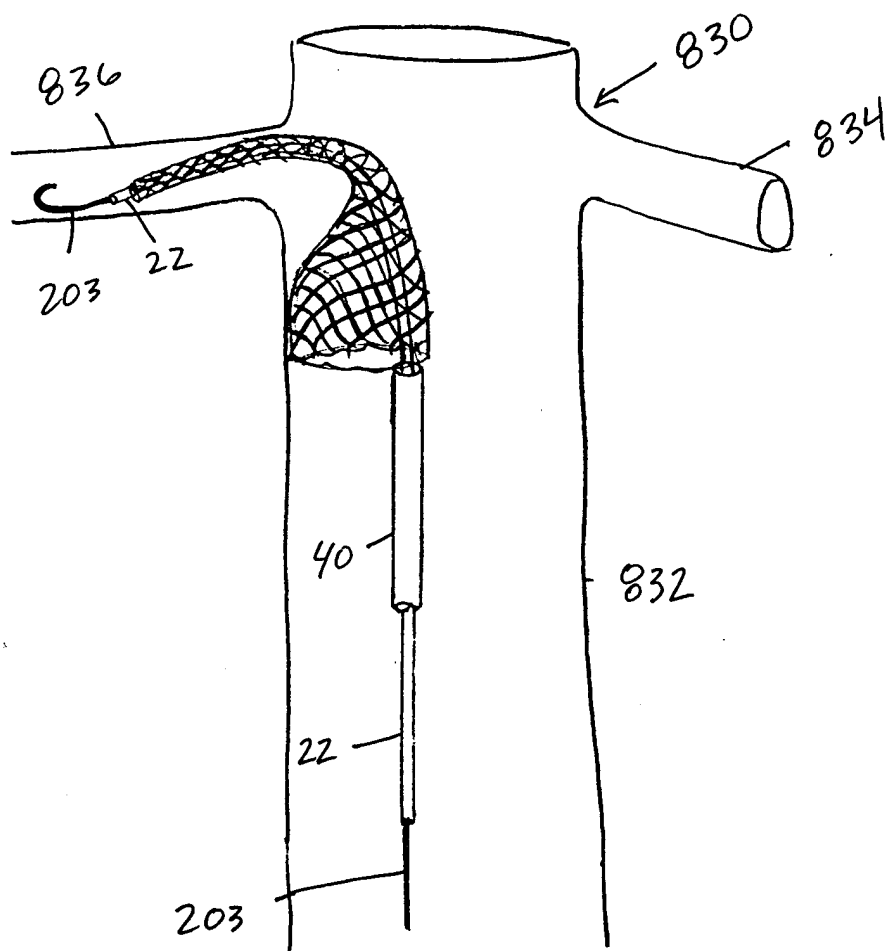


FIG. 58B

094643-000000

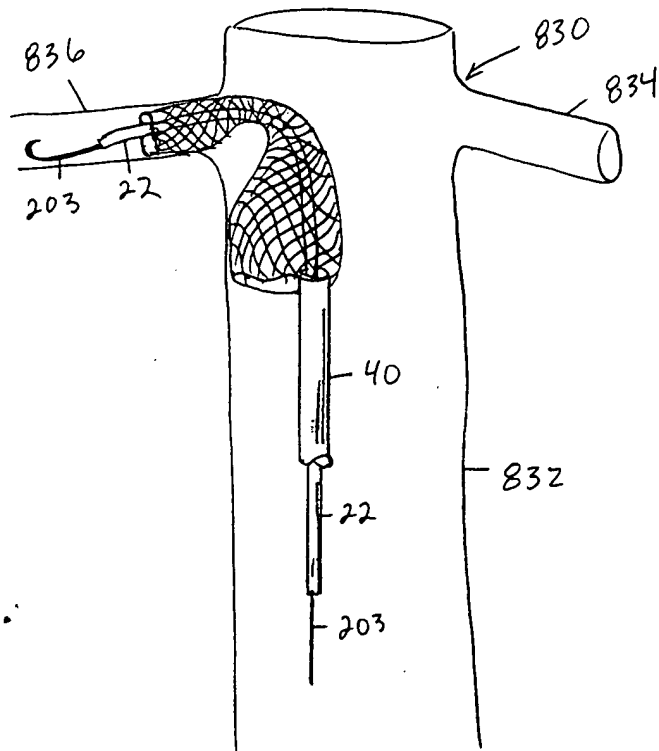


FIG. 58C

00450243.000100



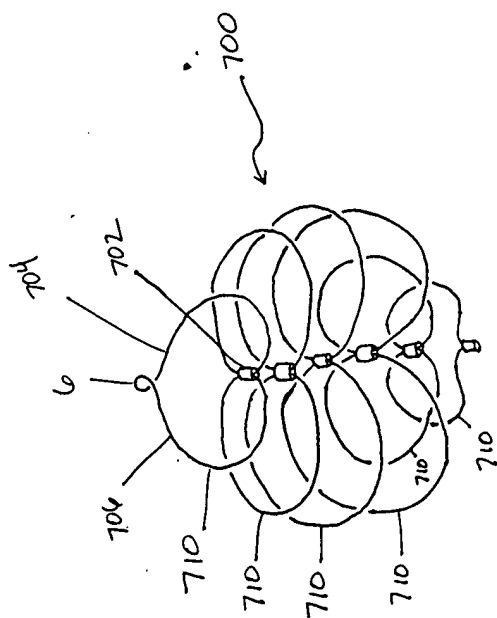


FIG. 60

